

RCA

DVD Player User's Manual

Changing Entertainment. Again.



RC6001P

Important Information

WARNING

RISK OF ELECTRIC SHOCK
DO NOT OPEN

To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified personnel.



This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.



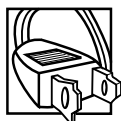
This symbol indicates important instructions accompanying the product.

FCC NOTE (for U.S.A.):

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect this equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This class B digital apparatus meets all requirements of the Canadian Interference--Causing Equipment Regulations.



Caution: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

Attention: Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

Refer to the identification/rating label located on the back panel of your product for its proper operating voltage.

FCC Regulations state that unauthorized changes or modifications to this equipment may void the user's authority to operate it.

Caution: Using video games or any external accessory with fixed images for extended periods of time can cause them to be permanently imprinted on the picture tube (or projection TV picture tubes). ALSO, some network/program logos, phone numbers, etc. may cause similar damage. This damage is not covered by your warranty.

Cable TV Installer: This reminder is provided to call your attention to Article 820-40 of the National Electrical Code (Section 54 of the Canadian Electrical Code, Part 1) which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building as close to the point of cable entry as practical.

WARNING

To reduce the risk of fire or shock hazard, do not expose this DVD player to rain or moisture. No objects filled with liquids, such as vases, shall be placed on the apparatus.

CAUTION

THIS PRODUCT UTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

CAUTION

FCC Regulations state that unauthorized changes or modifications to this equipment may void the user's authority to operate it.

Note:

This DVD player is designed and manufactured to respond to the Region Management Information. If the Region number of a DVD disc does not correspond to the Region number of this DVD player, this DVD player cannot play the disc. The Region number for this DVD player is Region No 1.

Note:

This device is protected by U.S. patent numbers 4,631,603 and 4,577,216 and 4,819,098 and other intellectual property rights. The use of Macrovision's copy protection technology in the device must be authorized by Macrovision and is intended for home and other limited pay-per-view uses only, unless otherwise authorized in writing by Macrovision. Reverse engineering or disassembly is prohibited.

**CLASS 1
LASER
PRODUCT**

Product Registration Information

Keep your sales receipt to obtain warranty parts and service and for proof of purchase. Attach it here and record the serial number in case you need it. The number is located on the player.

Model No. **RC6001P**

Serial No. _____

Purchase Date: _____

Dealer/Address/Phone: _____

Contents

Chapter One: Setup and Connections

Things to Consider Before You Connect	6
Protect Against Power Surges	6
Protect Components from Overheating	6
Position Cables Properly to Avoid Audio Interference	6
Connection Pictures	6
Types of Discs Your DVD Player will Play	6
Cables Needed to Connect Components to Your TV	7
Choose Your Connection	7
Explanation of Input Jacks and Cables	8
DVD Player + TV + VCR	9
DVD Player + TV + Dolby Pro Logic, Dolby Digital or DTS Receiver	10
DVD Player + TV with Audio/Video Input Jacks	12
DVD Player + TV + RF Modulator (with coaxial Jack only)	13
DVD Player + TV + VCR + Satellite Receiver	14
The Jacks on the Back of the DVD Player	16
Front Panel Controls	17
Install Batteries in the Remote	18
Important Battery Information	18
Turn on the TV and DVD Player	18
How to Find Your TV's Video Input Channel	19
How to Move Around the DVD Player's Menu System	19
A Quick Tour of The Remote	20
Component Buttons	20
Remote Control Buttons	20
Programming the Remote to Operate Your TV	22
TV Codes	23

Chapter Two: Playing DVDs

Regional Coding	26
Using Different Menus	26
Loading and Playing Discs	26
Using a Disc Menu	27
Using the On-Screen Info Display	29
Selecting a Title	30
Selecting a Chapter	30
Time Display	30
Selecting Subtitles	31
Changing the Audio Language	31
Using the Repeat Feature	32

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DTS is a registered trademark of Digital Home Theater Systems, Inc.

Chapter Two: Playing DVDs (continued)

Changing the Camera Angle	33
Using the Marker Feature	33
Play Mode	34
Random	34
Program	34
Playing Video CDs	34
Disc Playback Features	35

Chapter Three: Playing CDs and MP3 Discs

Using the Info Display	38
Using the Time Display	38
Selecting a Specific Track	39
Using the Repeat Feature	39
IntroScan	40
Playing MP3 Discs	41
What is MP3?	41
Obtaining MP3 files	41
Creating an MP3 Disc on Your Computer	41
Selecting Folders and Songs	42
Skipping Songs	42
The MP3 Display	42
Selecting a Play Mode	42

Chapter 4: The DVD Player Menu System

The DVD Player Menu System	44
The Main Menu	44
The Display Menu	44
Image	44
Selecting the Video Output	46
Changing the Player Menu Language	46
The Sound Menu	47
Digital Output	47
Range	47
Selecting the Speakers	48
Surround	49
Language Options	50
Changing the Subtitle Language Preference	50
Changing the Disc Menu Language	50
Changing the Audio Language Preference	50
Creating a Password and Setting Ratings	51
Creating a Password	51
Changing your Password	51

Table of Contents

Chapter 4: The DVD Player Menu System (continued)

The Preferences Menu	52
Setting the Rating	53
Dimming the Front Display	53
Defaults	54

Chapter 5: Other Information

How to Resolve Product Performance Problems	56
Troubleshooting	56
Handling Cautions	59
Maintenance of Cabinet	59
Formation of Condensation	59
Handling Discs	59
Cleaning Discs	59
Limited Warranty	59
Accessories and Order Form	63
Index	64

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Connections & Setup

Chapter Overview:

- Things to Consider Before You Connect
- Choose Your Connection
- The Jacks on the Back of the DVD Player
- Inserting Batteries in the Remote
- How to Find Your TV's Video Input Channel
- How to Move Around the DVD Player's Menu System
- Set the Menu Language
- The Remote Control

Changing Entertainment. Again.



Things to Consider Before You Connect

Protect Against Power Surges

- Connect all components before you plug any of their power cords into the wall outlet.
- Turn off the TV and/or components before you connect or disconnect any cables.
- Make sure all antennas and cables are properly grounded. Refer to the Important Safeguards sheet packed with your DVD player.

Protect Components from Overheating

- Don't block ventilation holes on any of the components. Arrange the components so that air can circulate freely.
- Don't stack components.
- When you place components in a stand, make sure you allow adequate ventilation.
- If you connect an audio receiver or amplifier, place it on the top shelf so the heated air from it won't flow around other components.

Position Cables Properly to Avoid Audio Interference

- Insert each cable firmly into the designated jack.
- If you place components above the TV, route all cables down the side of the back of the TV instead of straight down the middle of the back of the TV.
- If your antenna uses 300-ohm twin lead cables, do not coil the cables. Also, keep the twin lead cables away from audio/video cables.

Connection Pictures

Audio/video cables are usually bundled together. For better visibility, the connection pictures in this book show each cable separately (audio left, audio right, and video).

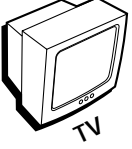


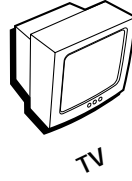

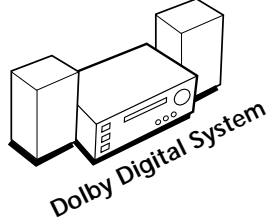


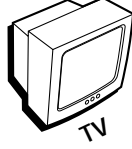

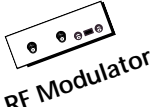
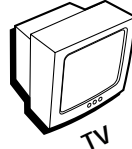
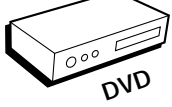


Types of Discs Your DVD Player will Play

- DVD video discs – DVD video discs contain high quality picture and sound content.
- Audio discs – Audio CDs contain musical or sound content only.
- Video CD discs – Like DVD video discs, Video CDs contain picture and sound content. The difference is the amount of information that can be stored on the disc. VCDs typically have lower picture and sound quality than DVD discs.



Choose Your Connection

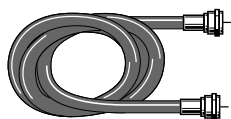
There are several ways to connect your DVD player. Please use the following chart to determine which connection is best for you. Turn to the appropriate page and connect your DVD player.

Components	Cables needed	Connection Title	Go to...
 TV  DVD  VCR	<ul style="list-style-type: none"> • Coaxial • Audio/video • S-Video (optional) • Component video (optional) 	TV +DVD + VCR	page 9
 TV  DVD  Dolby Digital System	<ul style="list-style-type: none"> • Coaxial • Audio/video • S-Video (optional) • Component video (optional) 	TV + DVD + Dolby Digital	pages 10-11
 TV  DVD	<ul style="list-style-type: none"> • Coaxial • Audio/video • S-Video (optional) • Component video (optional) 	TV + DVD (component video jacks)	page12
 TV  DVD  RF Modulator	<ul style="list-style-type: none"> • Coaxial • Audio/video 	TV + DVD + RF Modulator (coaxial jack only)	page 13
 TV  DVD  VCR  Satellite	<ul style="list-style-type: none"> • Coaxial • Audio/video • S-Video (optional) • Component video (optional) 	TV +DVD + VCR + Satellite	page 14-15

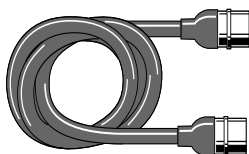
Cables Needed to Connect Components to Your TV

The pictures below show the cables needed for the connections represented in this book. There is a detailed explanation of cables and jacks on the following page.

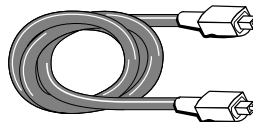
Note: Audio/Video cables (A/V cables for short) are usually sold as a bundled set, but the connection pictures in this book show each cable separately for better visibility.



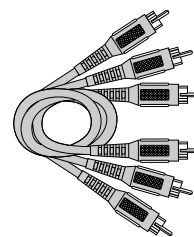
RF coaxial cable



S-Video cable



Optical digital audio cable

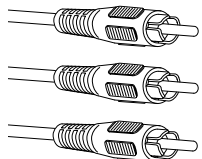


Audio/Video cables
Component Video cables

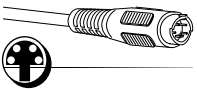
Explanation of Input Jacks and Cables

This section describes the jacks and cables you can use to make connections (the cables aren't provided with your television). There are several ways to connect components to your TV.

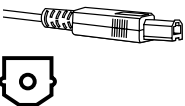
Different jacks and cables provide a different level of performance (this book categorizes these levels as Excellent, Very Good, and Good). It's important to remember, we're talking about degrees of picture improvement for comparison. If your component has S-VIDEO, composite video (VIDEO, AUDIO Left and Right), and an ANTENNA jack (where you connect a coaxial cable); S-Video would be considered excellent, composite video would be very good, and the ANTENNA jack would be considered good.



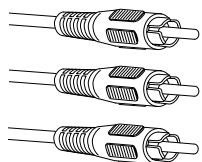
Component Video Cables and Jacks



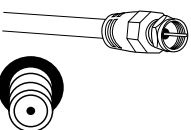
S-Video Cable and Jack



Digital Audio Out Cable and Jack



Audio/Video Cables and Jacks



RF Cable and Jack

Component Video (Y P_B P_R) Jacks and Cables— Excellent Video Quality

The Y P_B P_R jacks allow you to connect to a TV that has Component or progressive scan video jacks. This connection provides optimum picture quality because the video is separated into three signals. To ensure maximum picture quality, use three video-grade cables for the connection.

Note: Also, remember to connect the left and right audio cables because the Y P_B P_R jacks and cables carry only the picture signal, not the sound.

S-Video Jack and Cable — Very Good Video Quality

The S-Video (separate video) jack provides better picture quality than the regular video jacks (labeled INPUT1 VIDEO; INPUT2 VIDEO; INPUT3 VIDEO) because the color (chrominance, also called chroma) part of the signal is separated from the black and white (luminance) part of the picture.

If your TV has an S-VIDEO jack, connect the recorder to the TV with an S-Video cable for a better quality picture.

Note: Remember to connect the left and right audio cables because the S-Video cable carries only the picture signal, not the sound.

Digital Audio Out Jack and Optical Cable — Excellent Audio Quality

The optical cable is used to connect a Dolby Digital receiver. If you own a Dolby Digital receiver that uses an optical cable-type input, you can use an optical cable for the best sound quality.

Note: This DVD recorder's optical digital output jack fully complies with the international standard governing this type of jack (IEC958), and is designed for connection to a Dolby Digital (AC-3® or PCM) receiver or Dolby Digital (AC-3 or PCM) decoder. Older equipment, some of which is not fully compliant with IEC958, may not be compatible with the Dolby Digital bitstream. Such a connection using anything other than Dolby Digital AC-3 or PCM receiver or decoder could create a high noise level, causing damage to headphones or speakers.

Audio/Video Jacks and Cables (RCA-type) — Very Good Video and Audio

These jacks are used for most audio/video connections between components. The audio/video jacks are often color coded (yellow for video, red for right audio, and white for left audio). This is also called composite video.

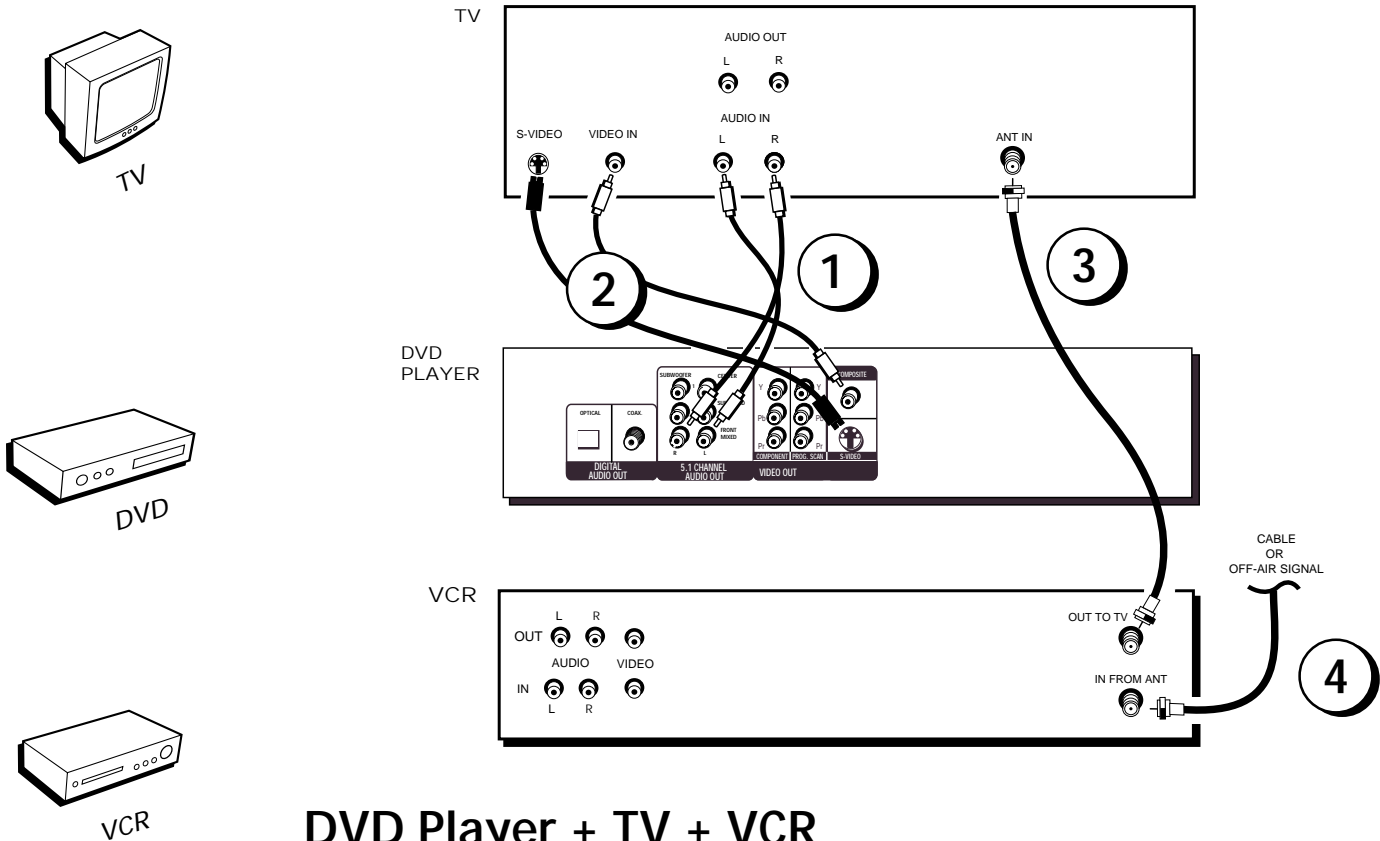
Note: If components you are connecting to have only one input for audio (mono), connect it to the left (white L/Mono) audio jack and don't connect the right audio part of the cable.

RF Jacks and Coaxial Cables (F-type) — Good Video and Audio

The RF jacks are necessary for reception of off-air broadcasts, cable, and DIRECTV signals.

These jacks are required for antenna or cable connections. The RF and coaxial jacks on the TV are labeled SATELLITE IN, ANTENNA A IN, and ANTENNA B IN.

An RG-6 coaxial cable is required for all satellite signal distribution.



DVD Player + TV + VCR

1. Connect the audio cables to the 5.1 CHANNEL AUDIO OUT L (left – white) and R (right – red) jacks on the back of your DVD Player, and to the corresponding Audio Input jacks on your TV.
2. Connect the video cable.

- **Basic video connection** – Connect the video cable (yellow) to the COMPOSITE jack on the back of your DVD Player, and to the Video Input jack on your TV.

OR

- **S-Video** (optional) – If your TV has an S-Video Input jack, connect the S-Video cable to the S-VIDEO OUT jack on the back of your DVD Player and to the S-Video jack on your TV. If your TV doesn't have S-Video, use the basic video connection listed above.

OR

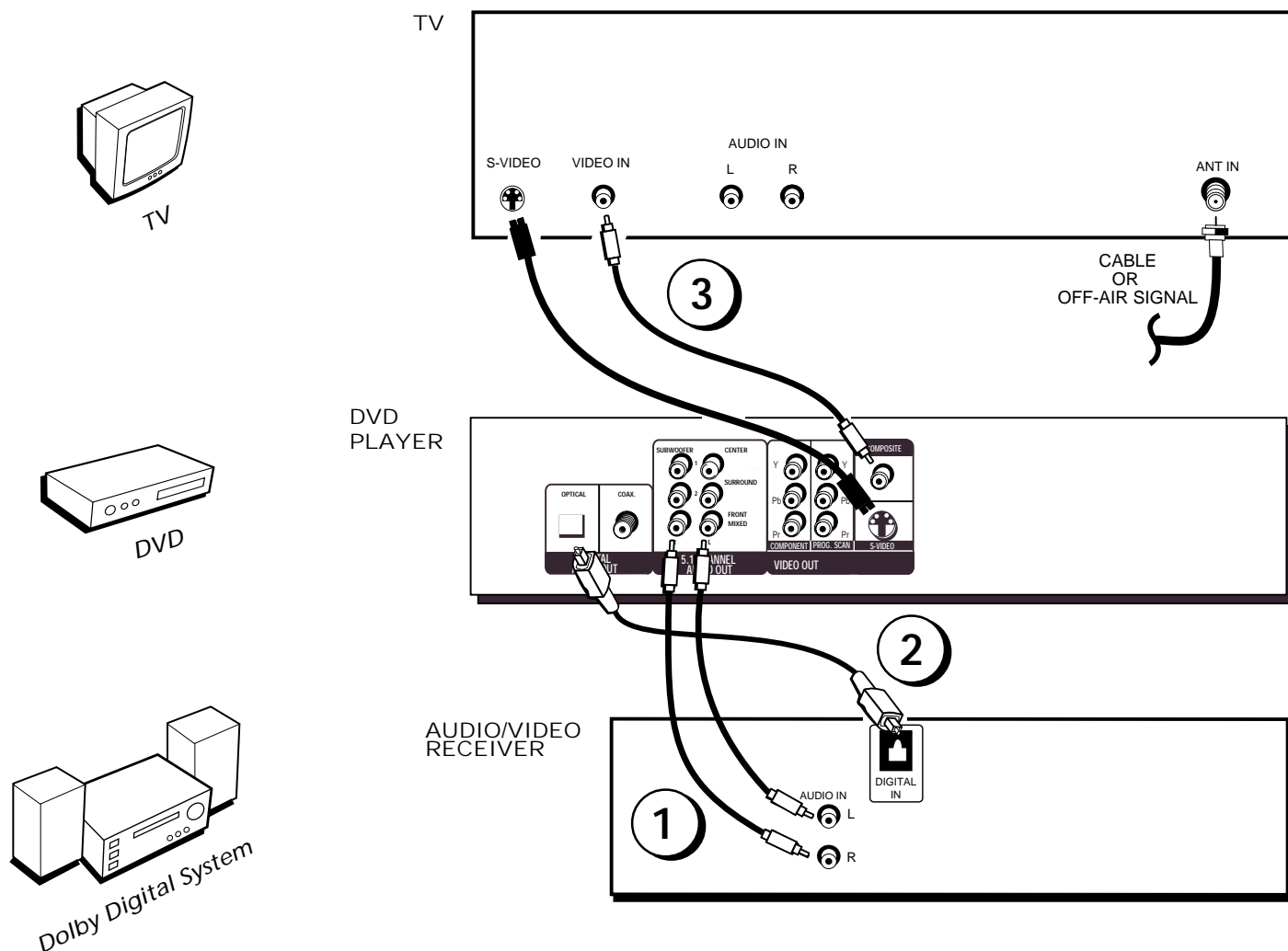
- **Component video** (optional, not shown in illustration) – If your TV has component video (Y, P_B, and P_R) jacks) use video-grade cables for the Y, P_B, and P_R connections. Note that it is essential to match the color coded connectors with a compatible TV. If your TV doesn't have component video, use the basic video connection listed above.

NOTE: If you use this connection, you must change the Video Output in the Display menu (see page 42). The default video output is S-video/Composite.

3. Connect the antenna or cable to the Antenna Input jack on the VCR.
4. Connect a coaxial cable to the antenna output jack on the VCR and to the Antenna Input jack on the television.
5. Insert the AC power cord into an AC outlet.

Go to page 18

Connections & Setup



Dolby Digital® and DTS®

Both Dolby Digital and DTS are audio formats used to record 5.1-channel audio signals onto the digital track of film (while the film is being made). Both of these formats provide up to six separate channels: left, right, center, left rear, right rear, and common subwoofer.

The disc will play 5.1-channel sound only if you've connected a DTS or Dolby Digital receiver or decoder and if the original movie the disc was recorded from was encoded in the Dolby Digital or DTS format.

Please Read This Before Using the DIGITAL AUDIO OUT Jack!

This player's digital output jack is designed for a connection to a Dolby Digital or DTS receiver or decoder.

Older digital equipment may not be compatible with the Dolby Digital bitstream. Such a connection can create a high level of noise that may be harmful to your ears, and could damage headphones or speakers.

It is important to choose the correct Digital Output setting in the DVD Player's Sound menu, especially when you use the DIGITAL AUDIO OUT jack. For more information, see chapter 5.

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DVD Player + TV + Dolby Pro Logic, Dolby Digital or DTS Receiver

To Connect the DVD Player

1. Connect the left and right audio cables to your audio/video receiver and to the 5.1 CHANNEL AUDIO OUT L (left – white) and R (right – red) jacks on the back of your DVD Player.
2. If you have a Dolby Digital or DTS receiver, insert an optical digital cable (not provided) to the DIGITAL AUDIO OUT jack on the DVD player to the Digital Input jack on the back of the receiver. You must also set the Digital Output setting in the Sound menu (see chapter 5).
3. Connect the video cable.
 - **Basic video connection** – Connect the video cable (yellow) to the COMPOSITE jack on the back of your DVD Player, and to the Video Input jack on your TV.

OR

- **S-Video** (optional) – If your TV has an S-Video Input jack, connect the S-Video cable to the S-VIDEO OUT jack on the back of your DVD Player and to the S-Video jack on your TV. If your TV doesn't have S-Video, use the basic video connection listed above.

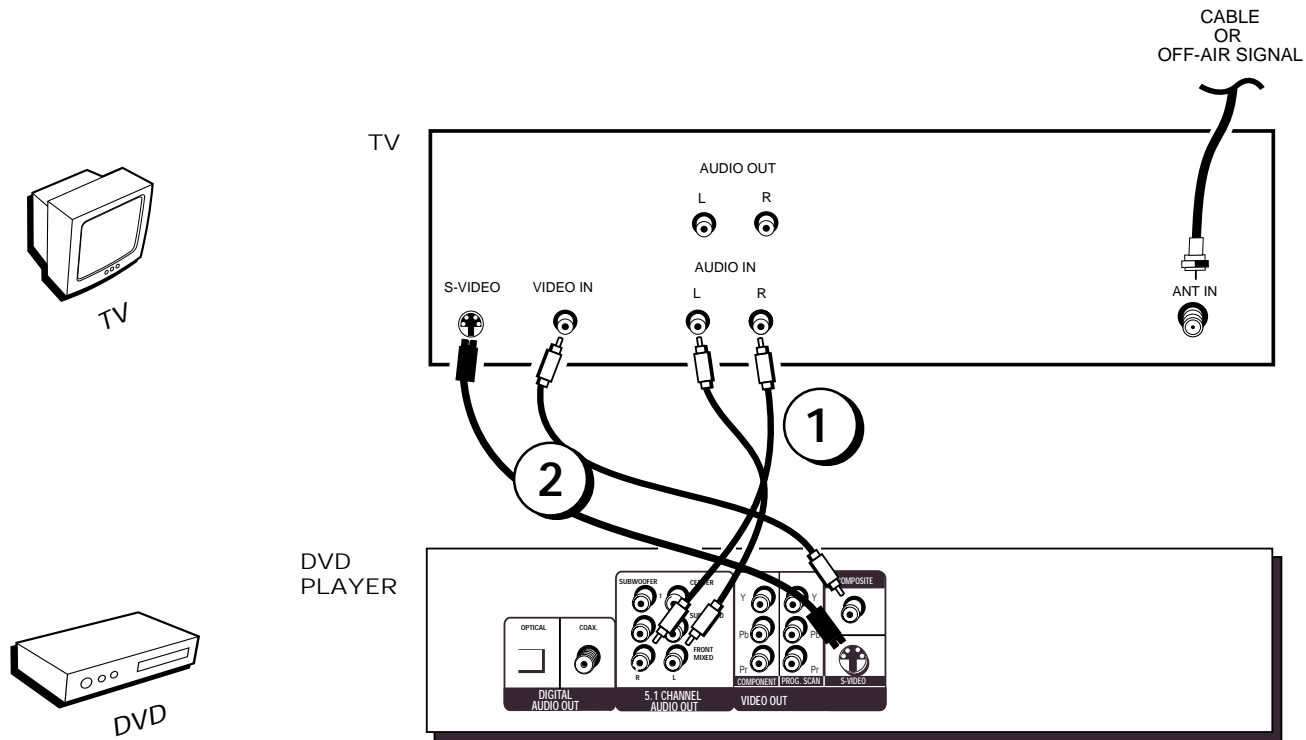
OR

- **Component video** (optional, not shown in illustration) – If your TV has component video (Y, P_B, and P_R jacks) use video-grade cables for the Y, P_B, and P_R connections. Note that it is essential to match the color coded connectors with a compatible TV. If your TV doesn't have component video, use the basic video connection listed above.

Note: If you use this connection, you must change the Video Output in the Display menu (see page 42). The default video output is S-video/Composite.

4. Connect the AC power cord into an AC outlet.

Go to page 18



DVD Player + TV with Audio/Video Input Jacks

1. Connect the audio cables to the 5.1 CHANNEL AUDIO OUT L (left – white) and R (right – red) jacks on the back of your DVD Player, and to the corresponding Audio Input jacks on your TV.
2. Connect the video cable.

- **Basic video connection** – Connect the video cable (yellow) to the COMPOSITE jack on the back of your DVD Player, and to the Video Input jack on your TV.

OR

- **S-Video** (optional) – If your TV has an S-Video Input jack, connect the S-Video cable to the S-VIDEO OUT jack on the back of your DVD Player and to the S-Video jack on your TV. If your TV doesn't have S-Video, use the basic video connection listed above.

OR

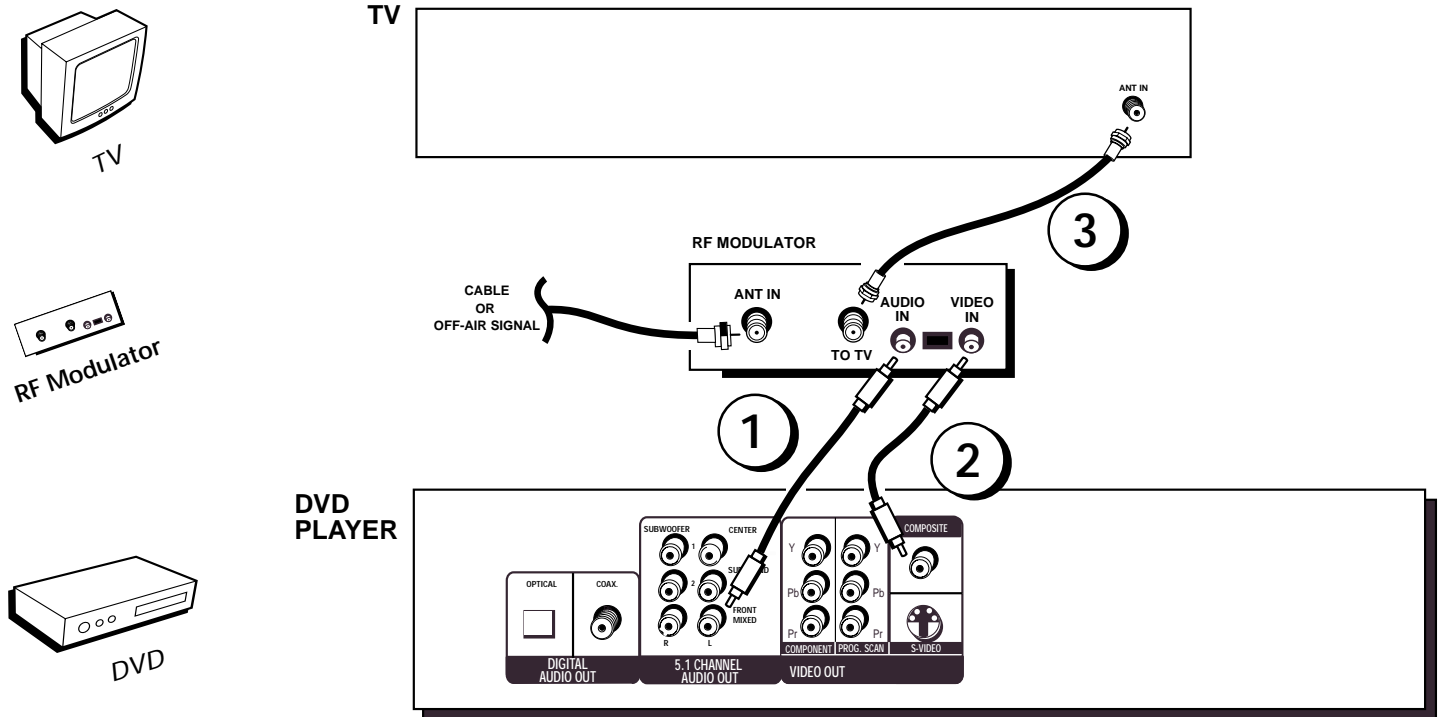
- **Component video** (optional, not shown in illustration) – If your TV has component video (Y, P_B, and P_R jacks) use video-grade cables for the Y, P_B, and P_R connections. Note that it is essential to match the color coded connectors with a compatible TV. If your TV doesn't have component video, use the basic video connection listed above.

Note: If you use this connection, you must change the Video Output in the Display menu (see page 42). The default video output is S-video/Composite.

3. Connect the AC power cord into an AC outlet.

Note: Your cable or off-air connection to the television should not be affected by this connection. Connect your cable or off-air antenna to your television as you normally would. You may need to consult your television manual for details.

Go to page 18



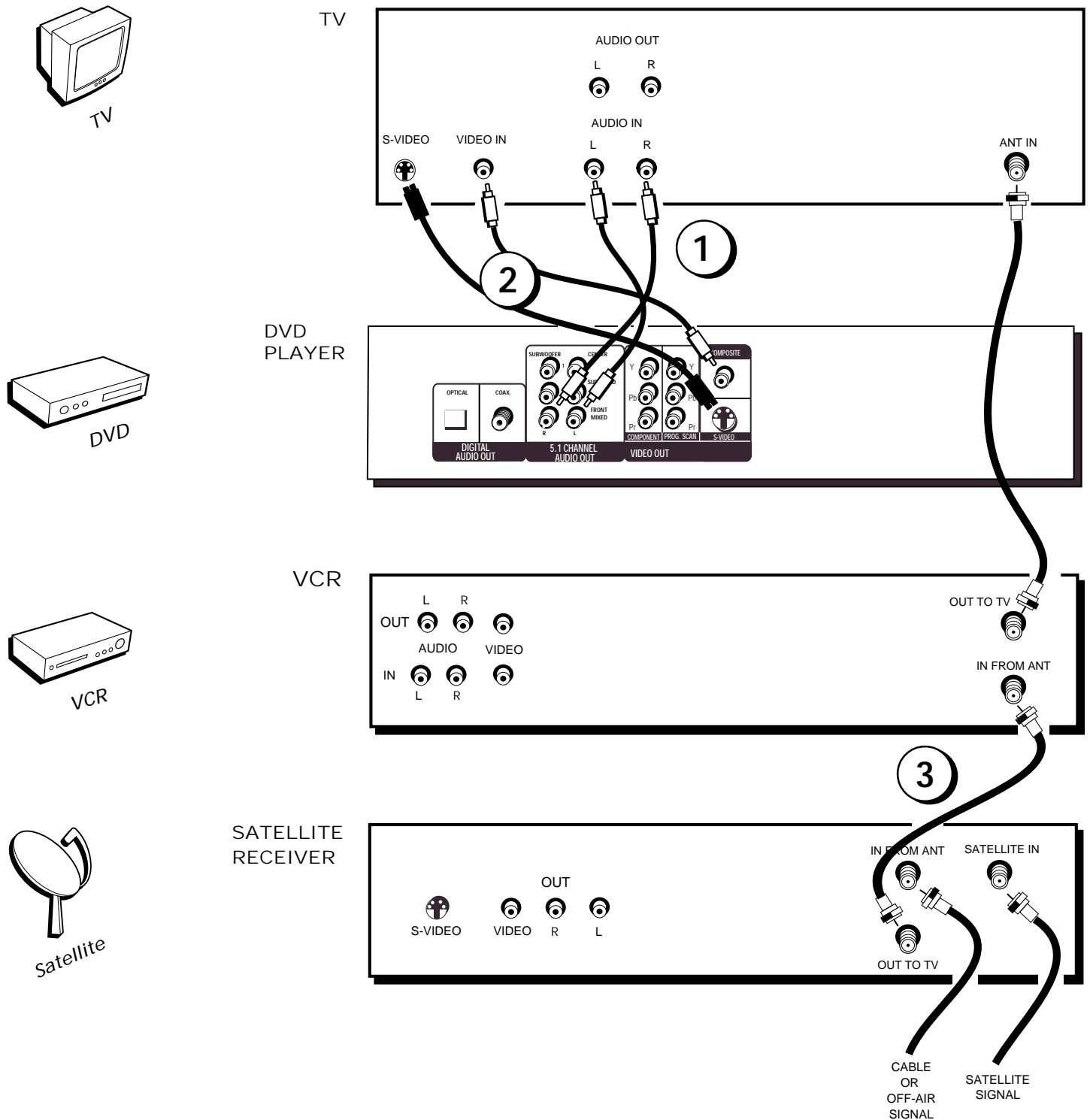
DVD Player + TV + RF Modulator *(with coaxial Jack only)*

If your TV doesn't have colored component jacks, you will need an RF modulator (not included) to connect your DVD player.

1. Connect the audio cable to the 5.1 CHANNEL AUDIO OUT L (left – white) jack on the back of your DVD Player and to the corresponding Audio Input jack on the RF modulator.
2. Connect the video cable (yellow) to the COMPOSITE jack on the back of your DVD Player to the Video input jack on the RF modulator.
3. Connect the RF modulator to the back of the TV.
4. Insert the AC power cord into an AC outlet.

Go to page 18

Connections & Setup



DVD Player + TV + VCR + Satellite Receiver

1. Connect the audio cables to the 5.1 CHANNEL AUDIO OUT L (left – white) and R (right – red) jacks on the back of your DVD Player, and to the corresponding Audio Input jacks on your TV.

2. Connect the video cable.

- **Basic video connection** – Connect the video cable (yellow) to the COMPOSITE jack on the back of your DVD Player, and to the Video Input jack on your TV.

OR

- **S-Video** (optional) – If your TV has an S-Video Input jack, connect the S-Video cable to the S-VIDEO OUT jack on the back of your DVD Player and to the S-Video jack on your TV. If your TV doesn't have S-Video, use the basic video connection listed above.

OR

- **Component video** (optional, not shown in illustration) – If your TV has component video (Y, P_B, and P_R jacks) use video-grade cables for the Y, P_B, and P_R connections. Note that it is essential to match the color coded connectors with a compatible TV. If your TV doesn't have component video, use the basic video connection listed above.

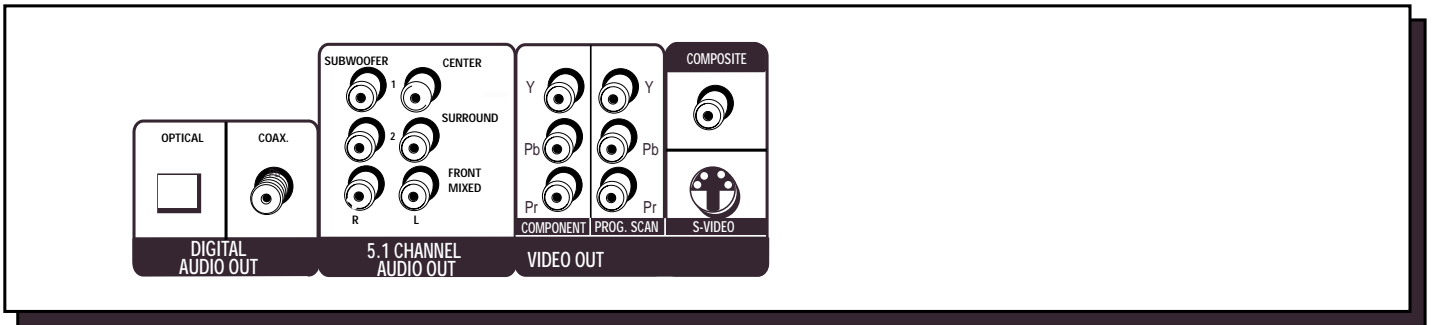
Note: If you use this connection, you must change the Video Output in the Display menu (see page 42). The default video output is S-video/Composite.

3. Use a coaxial cable to connect the antenna output on the satellite receiver to the antenna input on the VCR.
4. Insert the AC power cord into an AC outlet.

Go to page 18

The Jacks on the Back of the DVD Player

When connecting, make sure you connect Output jacks to Input jacks, Video to Video, Right Audio to Right Audio, etc.



Description of Jacks (from left to right)

DIGITAL AUDIO OUT

Use a digital optical cable (not provided) to connect your DVD Recorder to a compatible Dolby Digital or DTS receiver or decoder.

5.1 CHANNEL AUDIO OUT

Insert audio cables (left and right) from the FRONT R and L jacks on your DVD recorder to the corresponding Audio Input jacks (left and right) on your TV or receiver.

COMPONENT VIDEO (Y, P_B, P_R) VIDEO OUT

Use these jacks to connect to a TV with component video input jacks. Unlike a single video input, component video maintains the video signal as three separate signals through these three jacks. This connection provides optimum quality. To ensure maximum picture quality, use three video-grade cables for the Y, P_B, and P_R connections. Note that it is essential to match the color-coded connectors with a compatible TV.

PROGRESSIVE (Y, P_B, P_R) VIDEO OUT

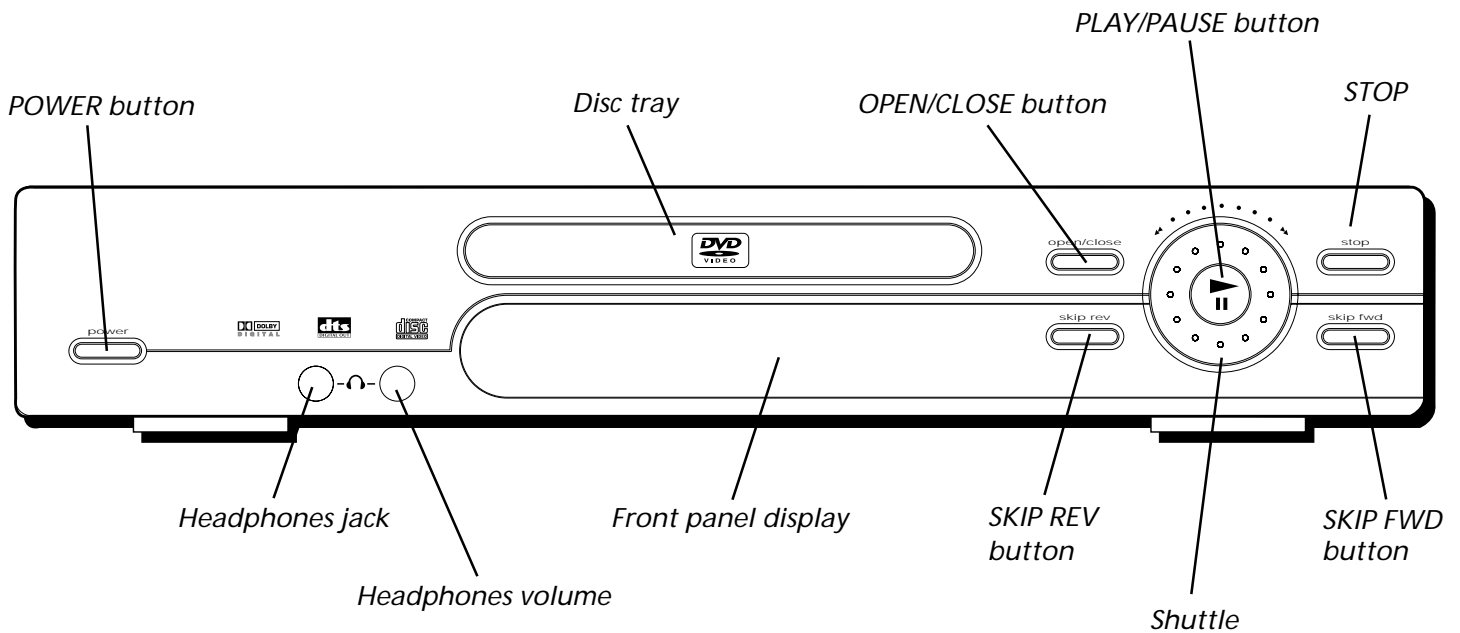
Use these jacks to connect to a TV with progressive video input jacks (labeling may vary; for example, progressive scan jacks might be labeled Y, Pb, Pr). Progressive scan is a video scanning system that displays all lines in a frame in one pass, as opposed to the traditional system, interlaced scan. This connection provides optimum quality. To ensure maximum picture quality, use three video-grade cables for connections. Note that it is essential to match the color-coded connectors with a compatible TV.

COMPOSITE VIDEO OUT

If you are using color-coded red, yellow and white RCA cables, connect the yellow video cable to this jack and to the Video Input jack on your TV.

S-VIDEO OUT

If your TV has an S-Video jack, you can connect an S-Video cable for increased video quality. The S-Video cable only carries the picture signal; remember to connect the left and right audio cables.



Front Panel Controls

POWER – Turns the player on and off. The ON•OFF indicator lights when the player is on.

Disc tray – Press OPEN•CLOSE to open and close the disc tray.

OPEN•CLOSE – Press to open and close the disc tray.

PLAY/PAUSE – Press to begin playback. During playback, press to pause.

STOP – Stops disc play.

SKIP FWD – Allows you to move to the beginning of the next title, chapter, or track on a disc (in effect, “skipping” the title, chapter, or track).

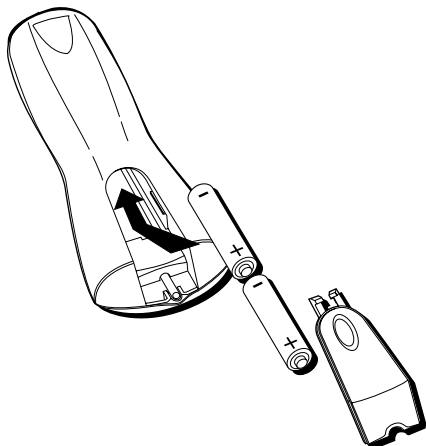
Shuttle – Turn to the right to fastforward playback. Turn to the left to reverse playback.

SKIP REV – Allows you to move to the beginning of the preceding title, chapter, or track on a disc (in effect, “skipping” the title, chapter, or track).

Front panel display – Displays information about disc and playback status.

Headphones Volume – Adjusts volume for headphones

HEADPHONES – Plug headphones in here.



Install Batteries in the Remote

1. Remove the battery compartment cover on the back of the remote.
2. Insert new batteries. Match the polarities (+ and -) on the batteries with the diagram on the remote.
3. Put the battery compartment cover back on the remote.

Important Battery Information

- If you're not going to use the remote for a month or more, be sure to remove the batteries because they can leak and cause damage.
- Dispose of batteries in the proper manner, according to federal, state, and local regulations.
- Any battery may leak electrolyte if mixed with a different battery type, if inserted incorrectly, if all batteries are not replaced at the same time, if disposed of in fire, or if an attempt is made to charge a battery not intended to be recharged.
- Discard leaky batteries immediately. Leaking batteries can cause skin burns or other personal injury.

Point the Remote in the Right Direction

When you want the remote to operate the DVD Player, point the remote at the DVD Player, *not* the TV. The remote has to be pointed in the correct direction and toward the correct component in order for the remote control's signal to communicate with the sensor on the component. Make sure there is a clear path between the remote control and the component you want to operate so the signal isn't blocked.

Turn on the TV and DVD Player

1. Turn on your TV and tune to the correct video input channel (see following page).
2. Press the ON•OFF button on the DVD remote or the POWER button on the DVD player.

How to Find Your TV's Video Input Channel

In order to see what's playing on your DVD recorder, you need to tune your TV to the Video Input Channel that corresponds to the jacks you used to hook up the recorder to the TV. The video channel on TVs varies for different brands and different models. In order for your DVD remote to work, your TV must be set on the correct video input channel. Below are some things to try.

- If your TV brand is RCA, GE, or Proscan, press the TV button on the remote that came with your TV. Then press the INPUT button on the remote.
- If you have another brand, consult your TV's Owner's Manual.

If those options don't work, try one of the following options.

- Press a button on the TV remote (see table below).
- Select it from the TV's menu system.
- Tune directly to the DVD input channel by pressing a specific number (see table below).
- Go through all the channels in the channel list by pressing the channel up/down buttons on the TV.

Some common scenarios are listed in the following table:

Video Input Channel Variations		
Button/switch on the TV	Button on the TV Remote	Channel#
VIDEO	VID 1	00
SIGNAL	LINE	90
VID 1	VID	91
VID 2	VIDEO	92
S-VID	S-VID	93
S-VIDEO	INPUT	VID 1
	S-VIDEO	VID 2
	SOURCE	
	AUX	

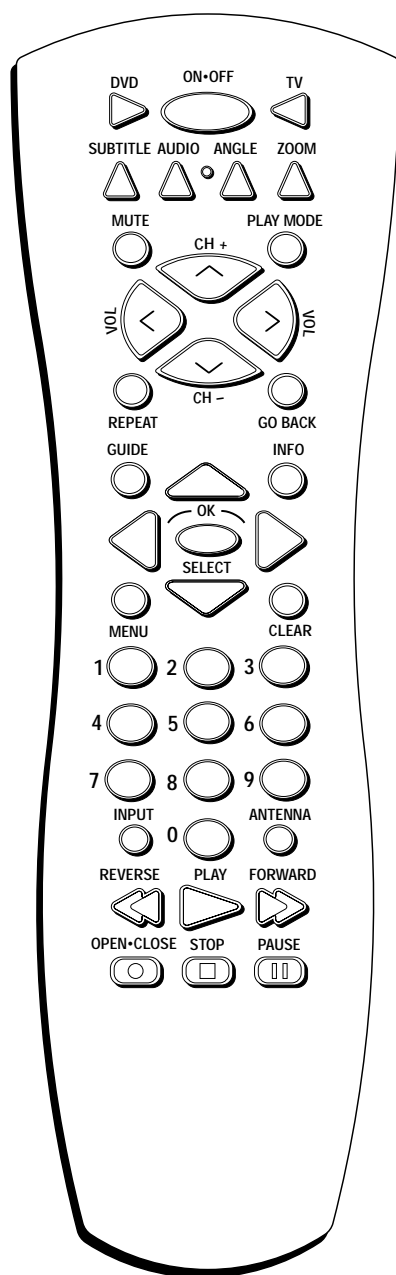
How to Move Around the DVD Player's Menu System

The technical term for how you move through the DVD Player's menu system is "Navigation."

This book tells you how to select different menu items, but you can explore the menu system on your own by following a few "navigational rules."

Press the arrow buttons on the remote to highlight different menu items on the screen. (In your DVD Player's menu, a highlighted item appears brighter than the other items on the screen.) To select a menu item, press OK on the remote when the menu item is highlighted.

The invalid symbol  appears on the screen when you press a button that doesn't have any function.



A Quick Tour of The Remote

You can use this remote to control compatible components. The component buttons are programmed to operate some Proscan, RCA and GE components. The buttons must be programmed to operate other brands of components. (See “Programming the Remote” in chapter 5.)

Component Buttons

(from left to right)

Use these buttons to turn on the component and set the remote to control the selected component.

DVD Use this button to turn on the DVD player and set the remote to control the DVD player.

TV Use this button to turn on a compatible TV and set the remote to control the TV. Used with the ON•OFF button to turn on some brands of TVs.

Remote Control Buttons

(from left to right)

This section describes what each button does when the remote is operating the DVD Player.

ON•OFF Turns on the player when it is in standby mode or puts the player in standby mode when power is on.

SUBTITLE When a disc is playing, press this button to show the Subtitle display (if the disc was created with subtitles).

AUDIO Press this button to select a different language to play a DVD disc in (provided the disc was authored with multiple languages).

ANGLE Press this button to access various camera angles on a disc (if the disc contains multiple camera angles).

ZOOM Zooms in on picture.

MUTE In TV mode, reduces sound to an inaudible level.

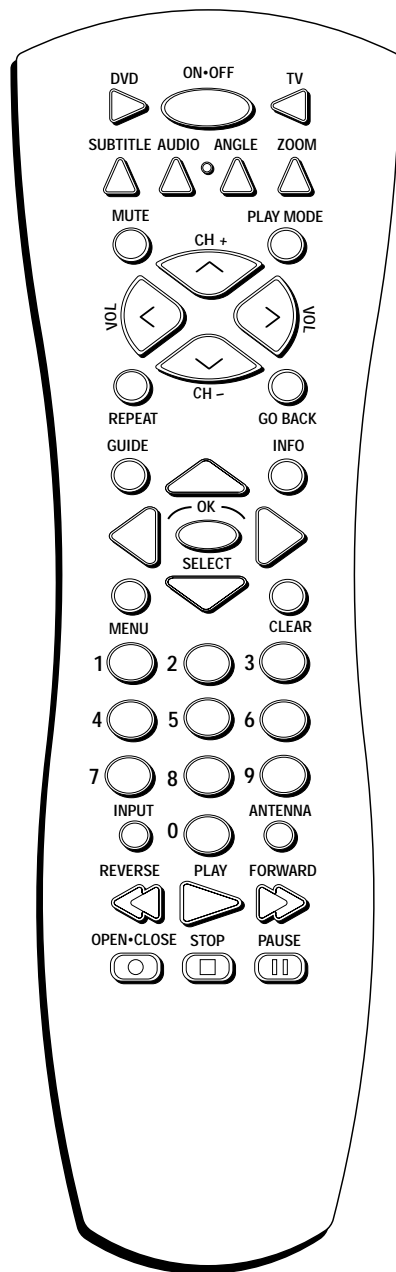
PLAY MODE Press this button to access the Play Mode info display to set random and program playback.

CH + Advances to the next chapter, track, index or MP3 title.

CH – Reverses to the preceding chapter, track, index or MP3 title.

VOL</> In TV mode, lowers and raises the volume.

REPEAT Press this button to bring up the Repeat info display. You can repeat part or all of a title, chapter or track.



GO BACK Returns you to the previous menu.

GUIDE Accesses the DVD disc guide (if available).

INFO Brings up the Info Display.

OK/SELECT Begins disc play and selects menu items.

Arrow buttons Use the arrow buttons (left, right, up, and down) to move through the on-screen menus. You highlight a menu item by pressing the arrow buttons and select a highlighted item by pressing the OK button.

MENU Brings up the DVD player menu.

CLEAR Clears on-screen displays from screen.

Number buttons Use the number buttons to input information such as chapter numbers, track numbers, or to make selections on some menu screens.

REVERSE Press this button during playback to reverse through the disc.

PLAY Begins disc play.

FORWARD Press this button during playback to advance through the disc.

OPEN/CLOSE Press to open and close the disc tray.

STOP Stops disc play.

PAUSE Press this button to pause disc play. For DVD discs, press again to play forward a frame at a time.

Programming the Remote to Operate Your TV

The remote can be programmed to control most brands of remote controllable TVs. The remote is already programmed to control most RCA, Proscan, and GE TVs.

Testing the remote

To determine whether the remote needs to be programmed, turn the TV ON, point the remote at the TV, and press the TV button. Then press POWER or CH+ (channel up) or CH- (channel down) to see if the TV responds to the remote commands. If not, the remote needs to be programmed.

Entering Codes

To control a TV that is not from RCA, ProScan or GE, you'll need to enter the specific codes for the brand of TV you have.

1. Turn on the TV to be programmed.
2. Look up the brand and code number(s) for the TV on the code list in this section.
3. Point the DVD Player's remote at the TV.
4. Press and hold the TV button on the remote.
5. Enter the code from the Remote Control code list (pp. 66).
6. Release the TV button, and then press ON • OFF to see if the TV responds to the command. If it doesn't, try pressing the TV button and then ON • OFF again.
7. If you get no response, repeat these steps using the next code listed for your brand, until the TV responds to the remote commands.

Note: This remote may not be compatible with all brands and models of televisions.

Important!

You must *continue pressing* the TV button *while* you enter the code.

For example, let's say you have a Zenith TV. To program the remote to operate the TV you would:

Press and hold the TV button while you enter the first code listed for Zenith in the TV Codes column.

Release the TV button. Press ON • OFF to see if the TV responds. If it doesn't, follow the same steps, but enter the second code instead of the first.

TV Codes

Admiral	1115, 1224	Goldstar	1052, 1078, 1079, 1093, 1096, 1108, 1117, 1121, 1126, 1127, 1158, 1159, 1160, 1218	Philco	1036, 1094, 1119, 1121, 1126, 1167, 1168, 1173, 1175, 1181, 1230, 1231, 1252, 1254
Adventura	1224	Granada	1003	Philips	1052, 1064, 1119, 1121, 1126, 1167, 1168, 1173, 1174, 1184, 1185, 1186, 1254, 1259, 1260
Aiko	1124	Grandiente	1003	Pioneer	1059, 1076, 1112, 1187, 1188, 1227, 1233, 1250
Akai	1063, 1090, 1116	Grundy	1149	Portland	1124
Alba	1033	Hinari	1088	Price Club	1191
Alleron	1143	Hitachi	1003, 1010, 1019, 1024, 1071, 1073, 1074, 1075, 1076, 1077, 1093, 1096, 1121, 1122, 1161, 1162, 1211, 1212, 1213, 1214, 1226, 1241	Prism	1155
A-Mark	1029	Infinity	1064, 1163	Proscan	1228, 1110
Amstrad	1089	Janeil	1224	Proton	1121, 1189, 1234, 1026, 1103, 1214, 1112
Amtron	1143	JBL	1064, 1162	Pulsar	1214, 1112
Anam	1028, 1029, 1082, 1104	JC Penney	1046, 1080, 1100, 1108, 1110, 1117, 1119, 1128, 1154, 1155, 1159, 1164, 1165, 1171, 1184, 1191, 1229	Quasar	1011, 1104, 1105, 1155, 1169, 1170
Anam National	1237, 1238, 1255, 1143	JCB	1115	Radio Shack	1034, 1037, 1151, 1189, 1219, 1053, 1054, 1055, 1056, 1051, 1058, 1076, 1102, 1110, 1228, 1236
AOC	1014, 1029, 1098, 1107, 1108, 1117, 1118, 1240	Jensen	1070	RCA	1000, 1017, 1025, 1053, 1054, 1055, 1056, 1051, 1058, 1076, 1102, 1110, 1228, 1236
Archer	1029	JVC	1066, 1067, 1068, 1069, 1121, 1122, 1155, 1160, 1166, 1167, 1219, 1229	Realistic	1050, 1151, 1189, 1219
Audiovox	1143, 1029	Kawasho	1065	Runco	1214
Bauer	1035	Kenwood	1107, 1126, 1127	Saisho	1089, 1090
Belcor	1116	Kloss	1036, 1097	Samsung	1008, 1014, 1034, 1052, 1101, 1123, 1125, 1127, 1191, 1242, 1244, 1261
Bell & Howell	1114, 1180, 1219	Kloss Novabeam	1168, 1169, 1224, 1231	Sansui	1245
Bradford	1143	KTV	1082, 1083, 1084, 1170, 1225, 1162	Sanyo	1049, 1050, 1051, 1081, 1151, 1152, 1177, 1193, 1227
Brockwood	1014, 1116	Loewe	1180, 1251	SBR	1052
Brokwood	1116	Logik	1096	Schneider	1052
Candle	1014, 1107, 1116, 1118, 1120, 1225, 1094, 1096, 1097	Luxman	1025, 1030, 1047, 1050, 1064, 1110, 1151, 1162, 1172, 1173, 1219, 1228, 1249	Scott	1086, 1088, 1130, 1140, 1149, 1009, 1030, 1040, 1041, 1042, 1043, 1044, 1045, 1046, 1047, 1048, 1050, 1051, 1081, 1088, 1110, 1122, 1127, 1149, 1151, 1152, 1153, 1166, 1171, 1194, 1195, 1227, 1228, 1235, 1248
Capehart	1014	LXI	1182, 1185, 1208, 1209, 1210, 1230, 1231, 1253	Sears	1021, 1022, 1037, 1038, 1039, 1135, 1189, 1196, 1197, 1198, 1199, 1203, 1223
Celebrity	1115	M. Wards	1180	Siemens	1049
Circuit City	1014	Magnavox	1162	Signature	1114, 1180, 1251
Citizen	1018, 1094, 1095, 1096, 1097, 1098, 1100, 1107, 1116, 1118, 1119, 1124, 1143, 1191, 1224, 1226	Majestic	1090	Simpson	1119
Colortyme	1116, 1118, 1121, 1241, 1014	Marants	1050, 1090, 1114, 1179, 1180, 1219, 1251, 1050	Sony	1002, 1114, 1115, 1245, 1254, 1094, 1119, 1149
Concerto	1116, 1118, 1096	Marantz	1126, 1127, 1128, 1153, 1178, 1179	Soundesign	1029, 1098
Contec	1049, 1082	Matsui	1155, 1214, 1228	Spectricon	1015, 1234
Contec/Cony	1122, 1123, 1143	Memorex	1154	Squareview	1097, 1224
Craig	1082, 1015, 1143	MGA	1007, 1027, 1061, 1062, 1063, 1108, 1110, 1117, 1126, 1127, 1128, 1153, 1177, 1179, 1180, 1205	Supre-Macy	1115
Crown	1093	Midland	1107, 1119, 1126, 1162, 1174, 1175, 1176, 1182, 1185, 1208, 1209, 1210, 1230, 1231, 1253	Supreme	1035, 1036, 1064, 1094, 1167, 1168, 1173, 1174, 1175, 1181, 1185, 1200, 1230, 1232, 1252
Curtis Mathes	1093, 1100, 1107, 1116, 1118, 1124, 1191, 1219	Minutz	1033, 1034	Sylvania	1015, 1234, 1256
CXC	1082	Mitsubishi	1124	Tandy	1033, 1039
Daewoo	1016, 1091, 1092, 1093, 1108, 1117, 1119, 1125, 1126, 1206, 1207, 1235	Montgomery Ward	1223, 1254	Tatung	1104, 1226
Daytron	1014, 1118	Motorola	1096, 1100, 1108, 1117, 1191, 1030, 1111, 1171, 1232, 1248, 1013, 1104	Technics	1105, 1155
Dixi	1029, 1052, 1090	MTC	1034	Teknika	1031, 1032, 1088, 1094, 1095, 1097, 1100, 1109, 1122, 1124, 1174, 1179, 1180, 1191, 1251
Dumont	1214	NAD	1034	Tera	1102, 1233
Electroband	1115	National	1034	Thompson	1005
Elta	1090	National Quenties	1013	Toshiba	1030, 1046, 1050, 1072, 1100, 1151, 1171, 1191, 1193, 1242, 1248, 1080, 1154, 1184
Emerson	1001, 1012, 1083, 1084, 1085, 1086, 1087, 1088, 1089, 1090, 1093, 1121, 1130, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1139, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1149, 1150, 1151, 1204, 1219, 1225, 1226, 1246, 1257	NEC	1013	Universal	1069, 1166, 1230
Envision	1107	Nikkai	1033, 1034	Video Concepts	1063
Etron	1090	Nikko	1124	Viking	1097, 1224
Fisher	1050, 1082, 1152, 1153, 1154, 1220	Normande	1260	Wards	1114, 1130, 1154, 1167, 1168, 1173, 1174, 1180, 1181, 1184, 1185, 1189, 1201, 1202, 1231, 1256
Formenti	1035	NTC	1124	Zenith	1113, 1215, 1216, 1217, 1247, 1252, 1258
Fortress	1039	Optimus	1232	Zonda	1029
Fujitsu	1015, 1088, 1149	Optonica	1037, 1039, 1190, 1223		
Funai	1015, 1082, 1088, 1149	Orion	1015, 1140, 1245		
Futurtech	1015, 1082	Osaki	1034		
GE	1020, 1080, 1081, 1083, 1101, 1104, 1105, 1111, 1128, 1155, 1156, 1157, 1184, 1221, 1222, 1223, 1228, 1248, 1254	Panasonic	1006, 1011, 1012, 1013, 1060, 1064, 1104, 1105, 1106, 1155, 1162, 1171, 1251, 1254		
Genexxa	1033				
Gibraltar	1214				

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Playing DVDs

Chapter Overview:

- Regional Coding
- Using Different Menus
- Loading and Playing a Disc
- Using a Disc Menu
- Using the On-Screen Info Display
- Using the Marker Feature
- Disc Playback Features
- Playing Video CDs

Changing Entertainment. Again.



Regional Coding

Both the DVD player and the discs are coded by region. These regional codes must match in order for the disc to play. If the codes don't match, the disc won't play. This player's code is region 1.

Using Different Menus

Each disc is programmed with different features. There are three separate menu paths that you can use to access features:

- **The Disc menu** – The Disc menu is part of each disc and is separate from the DVD player's menu. The contents of each Disc menu varies according to how the disc was authored and what features are included. The Disc menu is turned on and off (while the disc is playing) with the MENU button on the remote.
- **The DVD player's Info Display** – The Info Display appears as icons across the top of the screen when a disc is playing. It can only be accessed while you are playing a disc. It's turned on and off with the INFO button on the remote.
- **The DVD player menu** – The DVD player's menu system is accessed only when a disc isn't playing. It appears automatically when the STOP button is pressed.

Remember that a feature will only work if the disc was programmed with that feature. For example, if you choose subtitles on the Info Display, the subtitles will only appear if the disc was created with subtitles. If a menu item is "grayed out" it means that item isn't available.

Loading and Playing Discs

Your DVD player plays DVD discs and audio CD discs. Before you load a disc, make sure that it is compatible with the player. The following discs CANNOT be used with this player:

- Laserdiscs
- CD-I, CD-ROM (computer-only discs), DVD-ROM
- Discs recorded using other broadcast standards (i.e. PAL or SECAM)

To Load and Play a Disc

Turn on the TV and your DVD Player (press ON•OFF on the player or press the POWER button on the remote control).



This is an example of a one-sided disc.



This is an example of a 2-sided disc. The title is in the center.

1. Press the OPEN•CLOSE button on the front of the DVD Player or the remote. The disc tray opens.
2. Place a disc gently into the tray with the disc's label facing up (double-sided discs have content on both sides, so you can place either side up).
3. Press the OPEN•CLOSE or PLAY button. The disc tray closes.

The DVD Player reads the disc's table of contents, and then one of three things happens depending on how the disc was programmed:

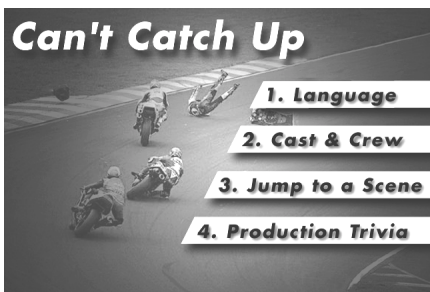
- The disc starts playing.
- The disc menu appears on the screen. One of the options will start disc play. Highlight that option and press OK.
- The DVD Player's main menu appears on the screen. Highlight the Play option and press OK.

When you stop playing a disc, the player remembers where you stopped. When you start playing the disc again, the DVD Player picks up where you left off unless the disc is removed or the player is unplugged, or if you press the STOP button twice.

Using a Disc Menu

A disc is capable of having an on-screen menu that is separate from the DVD player's menu system and on-screen Info Display. The disc menu might only contain a list of the titles and chapters, or it may allow you to change features such as language and playback settings.

Although the content and operation of disc menus varies from disc to disc, the following example will give you an idea of what to expect.



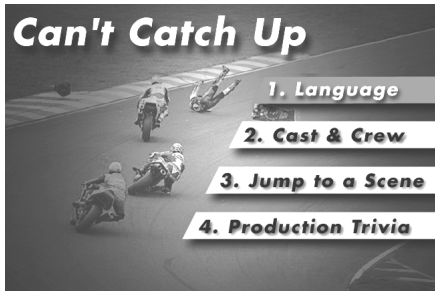
An example of a disc menu. The menus on discs vary because the disc menu is created by the disc's author.

1. While the disc is playing, press MENU. The disc menu appears.

Tip

Many discs skip the disc menu and start playing automatically. To access the disc menu when you're playing a disc, press MENU on the remote.

Playing DVDs



In this example, The *Language* setting is highlighted. To see language options, press OK on the remote.

2. Press the up and down arrow buttons to highlight the section of the disc menu you want to choose, and press OK. In the example on the left, *Language* has been selected.



In the example on the left, English is highlighted. Press OK on the remote to play the disc with English dialog.

3. Press the up and down arrows to select a language, and press OK.
4. Press MENU to resume playback.


Note: Any settings you change on the disc menu only override the settings in the DVD Player's menu temporarily. Default settings are the settings that you set up in the DVD Player's menu system. To change the default settings, see Chapter 5.

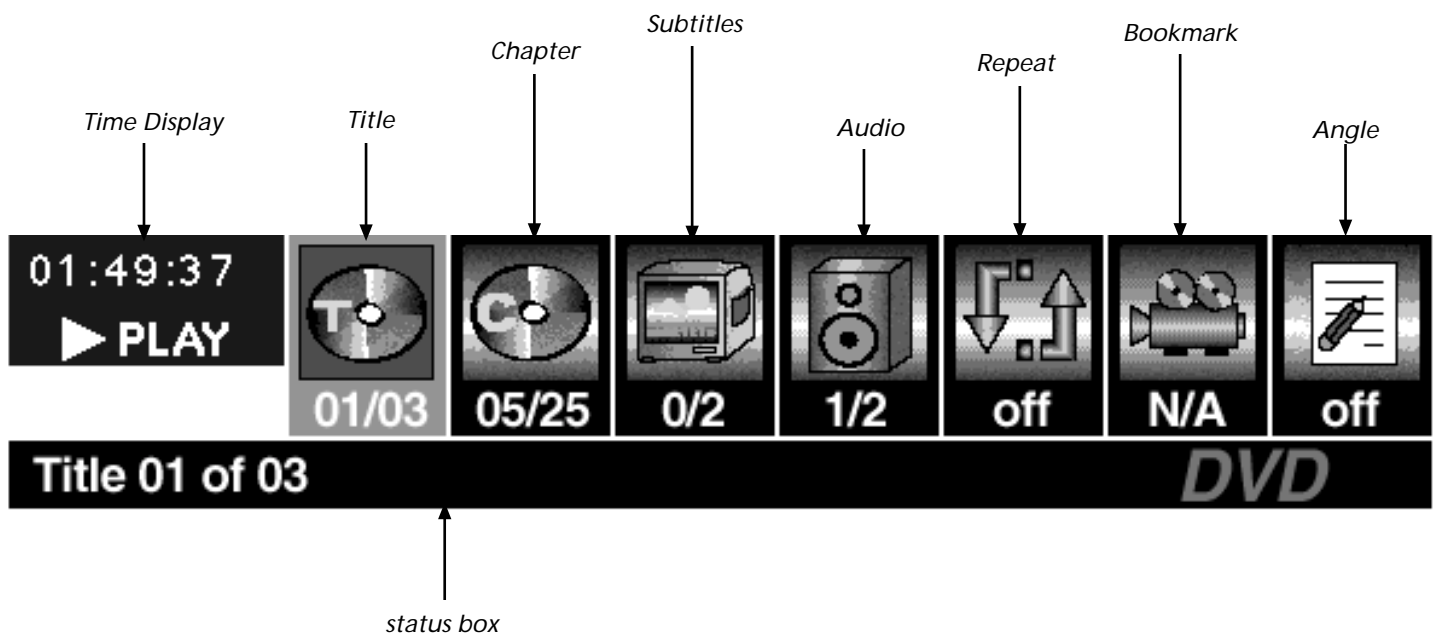
Using the On-Screen Info Display

The on-screen Info Display contains many playback features. To see the Info Display, press the INFO button on the remote while a disc is playing. The Info Display appears across the top of the screen. Each feature is illustrated with an icon. Use the arrow buttons to move through the different icons in the Info Display.

When an icon is highlighted, use the up/down arrow buttons on the remote to scroll through the choices displayed in the text box under the icons.

Remember, you can only access the Info Display when you're playing a disc. Also, the Info Display features are only available if the disc was created with that particular feature (i.e., if you select the Subtitle icon, you won't be able to change the subtitle language unless the author of the disc created the disc with subtitles).

The invalid symbol  appears on the screen when you press a button that doesn't have any function. If one of the icons is "grayed out," the Info Display feature isn't available for the disc you're playing. To make the Info Display disappear from the screen, press INFO on the remote control.



01:49:37

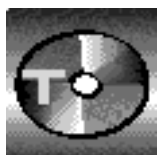
Time Display

This feature displays the audio/video time. For DVD discs, the time displayed refers to the current title time. For Audio CDs, it refers to the current track time.

For DVD video discs, the Time Display also acts as a Time Search feature. This lets you go to a particular scene in a movie by entering the time that scene is played. For example, if you like a particular scene in a movie, you can enter the elapsed time the scene plays and skip right to it. To use Time Search:

Press INFO on the remote to bring up the Info Display. Highlight the Time Display and enter the elapsed time of the scene you wish to go to. For example, enter 01:12:00 to go to the scene that plays at 1 hour and twelve minutes into the movie.

When you've entered the time, playback will begin at that point.



Selecting a Title

Some discs contain more than one title. For example, there might be four movies on one disc (each movie might be considered a title). Each title is divided into chapters. To select a title:

1. While the disc is playing, press INFO on the remote to bring up Info Display.
2. If the *Title* icon on the Info Display isn't highlighted, use the arrow buttons to highlight it.
3. Use the number button(s) on the remote to enter the title number or press the up/down arrow buttons to go to the next/previous title.
4. Press OK when the title you want to play appears in the text window.

Note: Some discs only have one title.



Selecting a Chapter

Because DVD discs use digital technology, a title can be divided into individual chapters (similar to tracks on a CD). You can skip to a specific chapter by using the Chapter feature in the Info Display.

1. While a disc is playing, press INFO on the remote to bring up the Info Display.
2. Press the arrow buttons to highlight the *Chapter* icon.
3. Use the number buttons on the remote to enter the number of the chapter you want to play or press the up/down arrow buttons to go to the next/previous title.
4. Press OK.

Notes:

The Chapter feature won't work if the disc isn't formatted with separate chapters.

You can also advance to the next chapter by pressing CH+ on the remote and go to the preceding chapter by pressing CH-.



Turning Subtitles On and Off

By default, subtitles are off. To turn subtitles on:

1. While the disc is playing, press INFO on the remote.
2. Highlight the *Subtitles* icon. Press the down arrow to turn subtitles on. When subtitles are on, the text box below the icons will display the current subtitle language.
3. To turn subtitles off, press the up or down arrow button to scroll to the *Off* option.

Selecting the Subtitle Language

You can change the Subtitle language while you're watching a DVD disc, but only if the disc was created with subtitles.

1. While the disc is playing, press INFO on the remote.
2. Press the arrow buttons to highlight the *Subtitle* icon and if subtitles are off, press the down arrow button to turn them on.
3. Use the up/down arrow buttons to scroll through the subtitle languages that are available on the disc. If subtitles aren't available, the text in the text box will read *Subtitles: Not Available*. If subtitles are available, the language currently showing in the text box is the active selection. The subtitles will be shown in that language.
4. To make the Info Display disappear, press the INFO button on the remote.

Notes:

Changing the subtitle language with the Info Display will only affect the disc currently being played. When the disc is removed or the player is turned off, the subtitle language will revert to the language setting specified through the DVD player main menu.

The subtitle language can also be changed through the DVD player menu.



Changing the Audio Language

If the disc was created with different language tracks (recorded in different languages), you can use the Info Display to temporarily change the DVD Player's Audio Language setting.

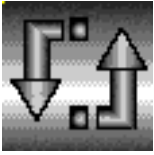
1. While a disc is playing, press INFO on the remote to bring up the Info Display.
2. Highlight the *Audio* icon. The current audio language appears in the text box below the row of icons.
3. Press the up/down arrow buttons to scroll through the audio languages that are available on the disc until the audio language you want to use appears in the text box. Audio will be played in that language.
4. To make the Info Display disappear, press the INFO button on the remote.

Notes:

The language feature only works if the disc was created with multiple audio tracks.

When you choose an audio language from the Info Display, you only override the audio language setting in the DVD Player's main menu temporarily.

The audio language can also be changed through the DVD player menu.



Using the Repeat Feature

The default mode for the Repeat feature is Off. There are three Repeat options:

- Title – repeats the title that is playing
- Chapter – repeats the chapter that is playing
- A•B – Setting the beginning (point A) and the end (point B) to make this part of the movie play repeatedly.

Repeating Titles or Chapters

1. While a disc is playing, press INFO on the remote to bring up the Info Display.
2. Highlight the *Repeat* icon. The text in the text box below the icons will read *Repeat Mode: Off*.
3. Press the up/down arrow buttons to scroll through the *Repeat* options until the Repeat option you want (Title or Chapter) is displayed in the text box.
4. The selected repeat option will loop repeatedly until you turn Repeat off. Repeat is turned off by completing steps 1 through 3 above, and selecting the Off option.

A•B Repeat

A•B Repeat lets you define a specific segment on the disc that you want to repeat. For example, you might like to watch the dogfight in the movie *Top Gun*. To watch this scene over and over:

1. Press INFO on the remote and select the *Repeat* icon from the Info Display.
2. Press the up/down arrow buttons until the A•B Repeat option is shown in the text box underneath the icons. The text box reads *Repeat Mode: Press OK to set the A point*.
3. Press FORWARD or REVERSE on the remote to move to the part of the disc that you want to be the beginning of the repeated segment (the A point). Press PLAY and OK.
4. Press FORWARD or REVERSE on the remote to go to the part of the disc that you want to be the end of the repeated segment (the B point). Press PLAY and OK. The segment will repeat until you turn Repeat off.
5. To make the Info Display disappear from the screen, press the INFO button on the remote.

How to Cancel Repeat

There are three ways to cancel Repeat:

- Press STOP twice.
- Go to the *Repeat* icon in the Info Display and select *Off*.
- Eject the disc.



Using the Power-On Bookmark Feature

The Marker feature lets you mark a point on the disc so that when you turn the player off and back on (without having ejected the disc), playback will start at the point you marked.

Storing the Marker During DVD Playback

1. Press the INFO button on the remote (the info display will appear).
2. Use the right/left arrow buttons to highlight the *Marker* icon. Press OK.
3. When you turn the player back on, playback will automatically begin from the marked scene.



Changing the Camera Angle

Some discs contain multiple angles of a particular scene or sequence. If the disc only has one angle, this feature won't work. When multiple angles are available, the Camera Angle icon appears in the upper right corner of the screen. To change the camera angle:

1. While a disc is playing, press INFO on the remote. The Info Display appears.
2. The *Camera Angle* icon will display the number of angles available. For example, if there are 3 different angles, the icon will read 1 of 3. This means angle 1 is currently being played.
3. The text box beneath the icons displays *Camera Angle: 1*. Use the up/down arrow buttons to scroll through the camera angle choices. The camera angle number displayed in the text window is automatically shown.
6. To make the Info Display disappear, press the INFO button on the remote.

Play Mode

Discs are formatted to play chapters in a certain (standard) order. If you'd like to play chapters in a different order, you can use the Play Mode feature.

Random

The Random option plays a disc's chapters in random order. If there is more than one title, the title with the most chapters is selected. If there is more than one title and all titles have an equal amount of chapters, the first title is selected. If each title has only one chapter each, the titles/chapters will be played in random order.

1. Press STOP to stop playback.
2. Press PLAY MODE on the remote control (the Play Mode info banner appears).
3. Use the arrow buttons to highlight the *Random* option.
4. Press OK.

To stop Random playback, press STOP twice and PLAY to resume normal playback.

Playing DVDs

Program

The Program playback option allows you to enter the order you want chapters to play in.



In the example above, the first chapter (number 11) has already been placed in the playlist. The second track (number 7) has been entered in the program box (P02:07). Pressing OK will place this chapter in the program list.

1. Press STOP to stop playback.
2. Press PLAY MODE on the remote control (the Play Mode options appear).
3. Use the arrow buttons to highlight the *Program* option.
4. Press OK. The Program screen appears. The grid on the left is where you will list the chapters in the order you want them to play. The order moves from the top row, left to right.
5. Use the number buttons to enter the first chapter that you want to play. The number will appear in the box in the upper left-hand corner of the play grid. Press OK to confirm.
6. Repeat step 5 above until you've programmed all the chapters you want to play.
7. Press PLAY to begin programmed playback.

To stop Program playback, press STOP twice and PLAY to resume normal playback.


Playing Video CDs

Like DVD video discs, Video CDs contain picture and sound content. Video CDs (VCDs) are encoded in a different format. VCDs don't hold as much information as DVD discs and the picture quality is not as high.

VCDs are divided into tracks and titles. Because a VCD contains less information than a DVD disc, some of the features provided by the player may not work with some VCDs.

Disc Playback Features

You can use the remote control to activate disc playback features.

Playback features aren't usually available during the opening credits of a movie.. If a playback feature isn't available, the invalid symbol  appears on the screen when you press that button.

Fast Motion Playback (Picture Scan)

To scan through the disc when you're playing it, use the Picture Scan feature.

1. Press the REVERSE or FORWARD button on the remote when you're playing a disc.
2. Press the button again to scan at a faster speed. Each time you press the button, the scanning speed doubles. There are six speeds: X2, X4, X8, X16, X32 and X64.
3. Press the PLAY button to resume normal playback.

Note: You won't hear the sound (audio) on DVD discs when you're using the picture scan feature.

Freeze Frame and Frame Advance

1. Press PAUSE when a disc is playing to freeze the picture.
2. Each time you press the PAUSE button, the picture advances one frame.
3. Press PLAY to resume normal playback.

Slow Motion Playback (in Freeze Frame Mode)

While the disc is in freeze frame mode, you can use slow motion playback.

1. While the disc is playing, press PAUSE on the remote.
2. Press the REVERSE or the FORWARD button.
3. Press the button again to slow the motion further.
4. Press PLAY to resume normal playback.

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Playing Audio CDs and MP3 Discs

Section Overview:

- Using the Info Display
- Selecting a Specific Track
- Using the Repeat Feature
- IntroScan
- Playing MP3 Discs

Changing Entertainment. Again.

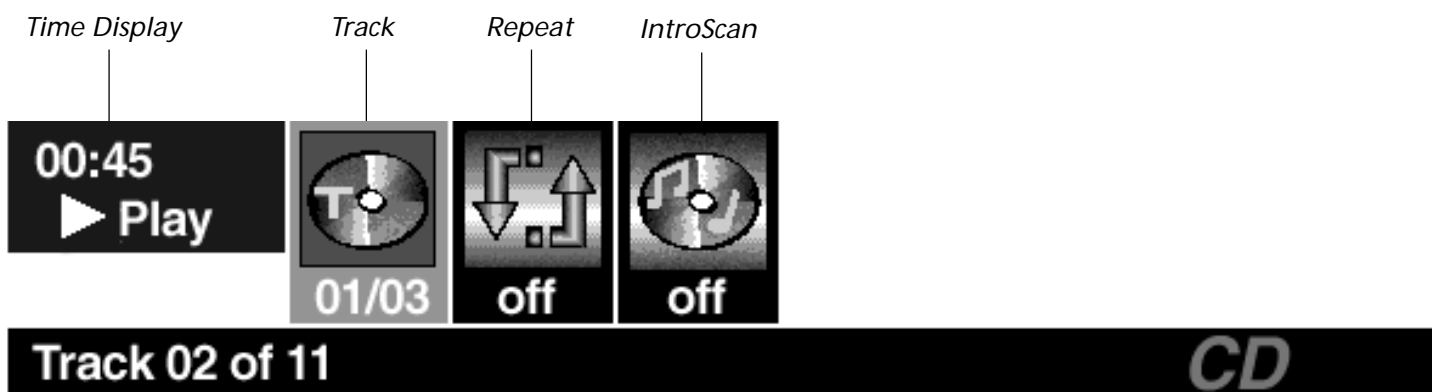


Using the Info Display

Your DVD player has many of the same features as an audio CD player. The player's on-screen Info Display lets you choose various playback features. This section explains how to play audio CDs in your DVD player and how to use the player's features. For instructions on loading and playing your CDs, see Chapter 2.

To access the Info Display while the CD is playing, press INFO on the remote. The Info Display appears across the top of the screen. Each of the playback features is represented by an icon. To access a feature, use the arrow buttons on the remote to highlight the icon. Each feature that can be accessed from the On-Screen Display is described on the following pages. To clear the Info Display from the screen, press INFO on the remote control.

Note: To see the Info Display while playing audio CDs, you must turn on your TV and tune it to its Video Input Channel. For more information about the TV's Video Input Channel, see Chapter 1.



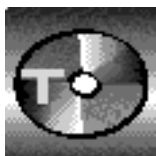
01:49:37

Using the Time Display

The clock portion of the time display shows how much time has elapsed for the current track. The Time Display also acts as a Time Search feature. This lets you go to a particular point on the disc. To use Time Search:

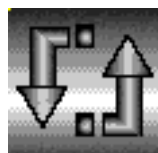
When you've entered the time, playback will begin at that point.

1. Press INFO on the remote (the Info Display appears).
2. Highlight the Clock icon. Enter the elapsed time you wish to go to.
3. Press INFO to clear the screen.



Selecting a Specific Track

1. Press INFO on the remote (the Info Display appears).
2. Highlight the *Track* icon.
3. Use the number buttons on the remote to enter the track number you want to play or use the up/down arrow buttons to scroll through the track numbers.



Using the Repeat Feature

The default mode for the Repeat feature is Off. There are two Repeat options for Audio CDs:

- **Track** – repeats the track that is playing
- **A•B** – Setting the beginning (point A) and the end (point B) to make this part of the movie play repeatedly.

Repeating Tracks

1. While a disc is playing, press INFO on the remote to bring up the Info Display.
2. Highlight the *Repeat* icon. The text in the text box below the icons will read *Repeat Mode: Off*.
3. Press the up/down arrow buttons to scroll through the *Repeat* options until the Repeat option you want is displayed in the text box.
4. The selected repeat option will loop repeatedly until you turn Repeat off. Repeat is turned off by completing steps 1 through 3 above, and selecting the Off option.

A•B Repeat

A•B Repeat lets you define a specific segment on the disc that you want to repeat:

1. Press INFO on the remote and select the *Repeat* icon from the Info Display.
2. Press the up/down arrow buttons until the A•B Repeat option is shown in the text box underneath the icons. The text box reads *Repeat Mode: Press OK to set the A point*.
3. Press FORWARD or REVERSE on the remote to move to the part of the disc that you want to be the beginning of the repeated segment (the A point) and press OK.
4. Press FORWARD or REVERSE on the remote to go to the part of the disc that you want to be the end of the repeated segment (the B point) and press OK. The segment will repeat until you turn Repeat off.
5. To make the Info Display disappear from the screen, press the INFO button on the remote.

How to Cancel Repeat

There are two ways to cancel Repeat:

- Press STOP twice.
- Eject the disc.

Playing Audio CDs and MP3 Discs



IntroScan

The IntroScan feature plays the first few seconds of each track on the disc.

1. While a disc is playing, press INFO on the remote to bring up the Info Display.
2. Use the arrow buttons to highlight the IntroScan icon.
3. Press OK. The first few seconds of each track will play. To stop IntroScan, follow the instructions in the Info Display.

Play Mode

Discs are formatted to play tracks in a certain (standard) order. If you'd like to play tracks in a different order, you can use the Play Mode feature.

Random

The Random option plays a disc's tracks in random order.

1. Press STOP to stop playback.
2. Press PLAY MODE on the remote control (the Play Mode info banner appears).
3. Use the arrow buttons to highlight the *Random* option.
4. Press OK.

To stop Random playback, press STOP twice and PLAY to resume normal playback.

Program

The Program playback option allows you to enter the order you want tracks to play in.



In the example above, the first chapter (number 11) has already been placed in the playlist. The second track (number 7) has been entered in the program box (P02:07). Pressing OK will place this chapter in the program list.

1. Press STOP to stop playback.
2. Press PLAY MODE on the remote control (the Play Mode options appear).
3. Use the arrow buttons to highlight the *Program* option.
4. Press OK. The Program screen appears. The grid on the left is where you will list the tracks in the order you want them to play. The order moves from the top row, left to right.
5. Use the number buttons to enter the first track that you want to play. The number will appear in the box in the upper left-hand corner of the play grid. Press OK to confirm.
6. Repeat step 5 above until you've programmed all the tracks you want to play.
7. Press PLAY to begin programmed playback.

To stop Program playback, press STOP twice and PLAY to resume normal playback.

Playing MP3 Discs

What is MP3?

MP3 is a format for storing digital audio. An audio CD-quality song can be compressed into MP3 format with very little loss of quality, while taking up much less space.

CD-R or a CD-RW discs that have been encoded in MP3 format can be played on your DVD player. In this manual, CD-R and CD-RW discs will be referred to as MP3 discs. MP3 files, or songs, are referred to as *titles*.

Obtaining MP3 files

There are two ways to obtain MP3 files:

- By using computer software to encode MP3 files from an audio CD – You can download the software necessary to encode MP3 files from the internet.
- Downloading MP3 files from the internet – There are many internet sites that allow you to download MP3 files for free, and many sites that require a fee.

Creating an MP3 Disc on Your Computer

Your DVD player handles MPEG-1, layer III audio. If you encode your own MP3 files from an audio CD, avoid using the features of MPEG-2, such as the 22kHz sampling frequency.

Be sure to make a data CD rather than an audio CD. If you make an audio CD, you will lose the extra features and compression of MP3.

When you burn a CD, take the following steps to get optimal use of the CD for playing in your DVD player.

- In your CD burning software, select ISO-9660 for the file system.

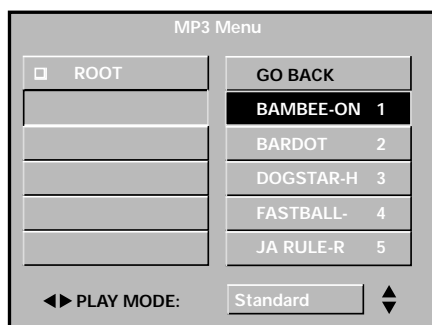
Note: The Joliet file system is not recommended. Using the Joliet file system may result in shortened file names.

Notes

For more information regarding MP3 encoding software and MP3 sites, visit www.lyrazone.com.

Some transport modes (reverse and fast forward) are not available for MP3 CDs.

Playing Audio CDs and MP3 Discs



The MP3 Display

MP3 discs contain individual songs that can be organized into folders. When you play an MP3 disc, the MP3 screen appears. The Root folder is displayed on the left side of the screen. The contents of that folder are shown on the right side of the screen. The contents can either be songs or more folders (subdirectories). In order to navigate through the menu, the player has to be in stop mode (press STOP on the remote).

Selecting a Play Mode

The Play Mode feature allows you to pick which order you want songs played in. Play Mode has the following options:

Standard – plays songs in the first folder in order, then goes to the next folder

Track Repeat – repeats the selected song

Folder Repeat – repeats the songs in the selected folder

Shuffle – plays songs randomly (from within the selected folder)

To select a play mode:

1. If a disc is playing, press STOP. When you place an MP3 disc in the player the MP3 screen appears.
2. Press the left or right arrow button until the PLAY MODE option is highlighted.
3. Use the up/down arrows to scroll through the modes. When the mode you want appears in the PLAY MODE box, use the left or right arrow button to return to the play list.
4. Use the arrow buttons to select a song or folder. Press OK to begin playback.

Selecting Folders and Songs

Playback begins automatically when you insert an MP3 disc into the player. The player will begin playing the songs in the order they were burned on the disc.

1. If a disc is playing, press STOP. To open a folder, use the arrow buttons on the remote to highlight the folder you want. Press OK (the songs in the folder will be displayed on the right side of the screen).
2. Use the up/down arrow buttons to highlight the song you want from the song list. Press OK to begin playback of the highlighted song.

Skipping Songs

Use the CH+ button to move to the next song. Use the CH- button to move to the beginning of the currently playing song. Press CH- again to move to the previous song.

Using the DVD Player's Menu System

Chapter Overview:

- The DVD Player Menu
- The Main Menu
- The Display Menu
- The Sound Menu
- The Languages Menu
- The Preferences Menu

Changing Entertainment. Again.

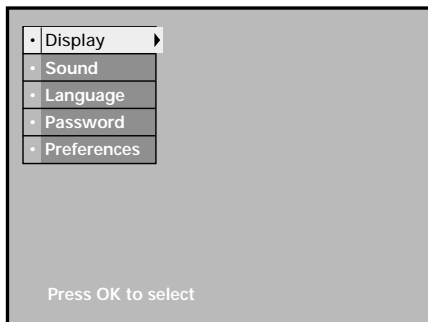


The DVD Player Menu System

The DVD player menu system is not the same as the disc menu or the Info Display. The DVD player menu comes up when there is no disc playing. If you are playing a disc, press STOP on the remote control to stop playback and bring up the DVD player menu.

Path Items

A path menu item has an arrow on the right side to let you know this item is a path to MORE options. To see the path menu options, highlight the path menu item and press OK. The next set of menu choices appears to the right of the menu item.



The Main Menu

The main menu contains the following submenus:

Display – controls how the pictures looks.

Sound – controls sound settings.

Language – contains settings for audio, menu and subtitle languages.

Password – allows you to use a password to lock the player.

Preferences – allows you to set ratings limits, adjust the brightness of the front panel, and return all settings to the factory defaults.

Use the arrow buttons on the remote to navigate through the menu system. Press the right arrow or OK button to select items.

To clear the menu from the screen, press the MENU button.

The Display Menu

The *Display* menu contains the settings that affect how disc content looks on your TV and how the front panel of the DVD player looks.

Image

The *Image* option adjusts the way a movie appears on your TV. Standard TVs are 4 x 3 format. Depending on the type of television you have, you may want to adjust the screen setting (also called the aspect ratio).



4x3 Standard



4x3 Letterbox



16x9 Widescreen

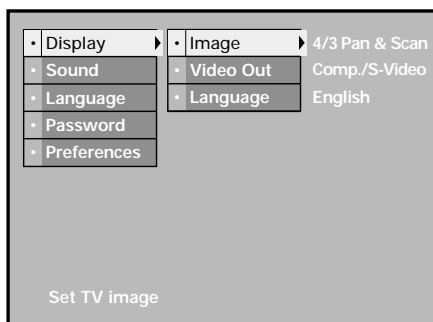
4 x 3 Pan & Scan – Choose this setting if you want the movie to fill the entire screen of your TV. This might mean that parts of the picture (the left and right edges) won't be seen.

Most discs produced in a widescreen format can't be cropped in this fashion. This means the black bars will appear at the top and the bottom of the screen.

4 x 3 Letterbox – Choose this setting if you want to see movies in their original aspect ratio (height-to-width ratio). You'll see the entire frame of the movie, but it will take up a smaller portion of the screen vertically. The movie might appear with black bars at the top and bottom of the screen.

16 x 9 Wide – Choose this setting if your DVD Player is connected to a widescreen TV. If you choose this setting and you don't have a widescreen TV, the images on the screen may appear distorted due to vertical compression.

If you play a disc recorded in 4 x 3 format on a widescreen TV, the left and right side of the screen will appear black.



1. With the player on (no disc playing), press MENU (the main menu appears).
2. Use the up/down arrow buttons to highlight the *Display* option. Press the right arrow button (the display choices appear on the right).
3. Use the up/down arrows to highlight the *Image* option. Press the right arrow button (the Image options appear on the right).
4. Use the up/down arrow buttons to highlight your selection. Press OK to select.
5. Press the left arrow button to return to the Display menu or press MENU to exit the menu system.

Selecting the Video Output

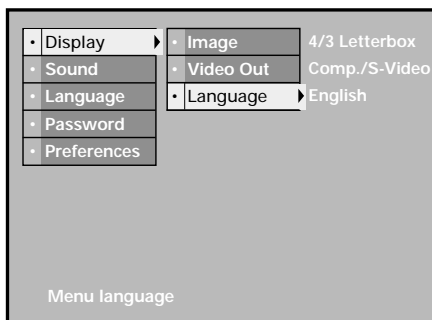
The *Video Out* option to select the setting that corresponds to which video out put you have connected. If you have connected the player using S-Video, select the *Composite/S-Vid.* option. If you used Component Y,PB, PR) select the *Component* option.

1. With the player on (no disc playing), press MENU (the main menu appears).
2. Use the up/down arrow buttons to highlight the *Display* option. Press the right arrow button (the display choices appear on the right).
3. Use the up/down arrows to highlight the *Video Out* option. Press the right arrow button (the Video Out options appear on the right).
4. Use the up/down arrow buttons to highlight your selection. Press OK to select.
5. Press the left arrow button to return to the Display menu or press MENU to exit the menu system.

Changing the Player Menu Language

The *Language* option lets you choose which languages you want the DVD player menu displayed in. The default language is English.

You can choose one of three languages for the text that appears within the on-screen menu system. If you change the Player Menu Language, the entire player menu system will be displayed in the selected language.



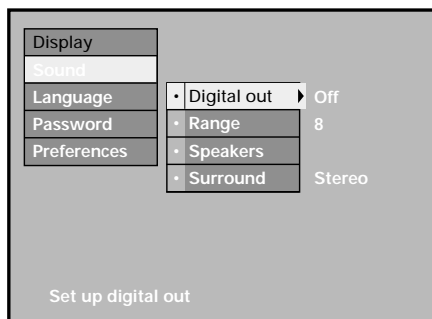
1. With the player on (no disc playing), press MENU (the main menu appears).
2. Use the up/down arrow buttons to highlight the *Display* option. Press the right arrow button (the display choices appear on the right).
3. Use the up/down arrows to highlight the *Language* option. Press the right arrow button (the Language options appear on the right).
4. Use the up/down arrow buttons to highlight your selection. Press OK to select.
5. Press the left arrow button to return to the Display menu or press MENU to exit the menu system.

The Sound Menu

The *Sound* menu lets you select different sound settings to match the equipment you have connected to your DVD Player.

Digital Output

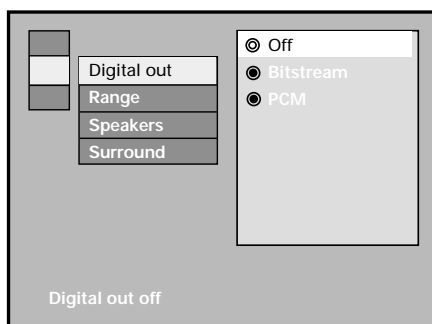
If you have a receiver with a digital signal input, use this feature to select your player's type of digital output.



1. With the player on (no disc playing), press MENU (the main menu appears).
2. Use the up/down arrow buttons to highlight the *Sound* option. Press the right arrow button (the display choices appear on the right).
3. Use the up/down arrows to highlight the *Digital Out* option. Press the right arrow button (the Digital Out options appear on the right).

Bitstream This setting turns on the digital optical output. Do not use this setting unless you have hooked up your DVD player to an external audio product via the optical jack. Some older digital components are not compatible with the *Bitstream* setting. If you experience noise and distortion during Dolby Digital playback, select *PCM* instead.

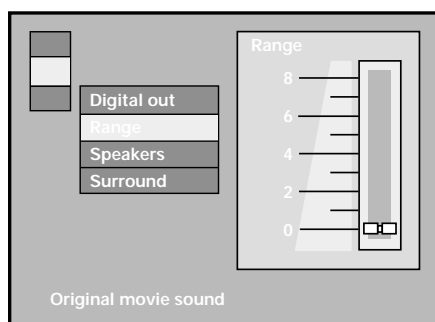
PCM This is the default setting. Allows downsampling of 96kHz/24-bit digital recordings so that 48kHz/16-bit digital recordings can be made directly via digital cable.



4. Use the up/down arrow buttons to highlight your selection. Press OK to select.
5. Press the left arrow button to return to the Sound menu or press MENU to exit the menu system.

Range

This feature compresses the dynamic range (quietest sound to loudest sound) of a disc's soundtrack. For example, action scenes might be very loud, while whispered dialog is quiet. The Range feature evens out the range of the volume by making loud sounds quieter and soft sounds louder.



1. With the player on (no disc playing), press MENU (the main menu appears).
2. Use the up/down arrow buttons to highlight the *Sound* option. Press the right arrow button (the sound choices appear on the right).
3. Use the up/down arrows to highlight the *Range* option. Press the right arrow button (the Range slider bar appears on the right).

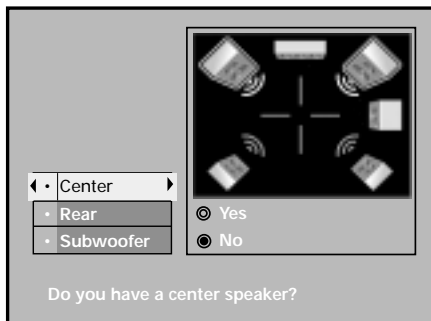
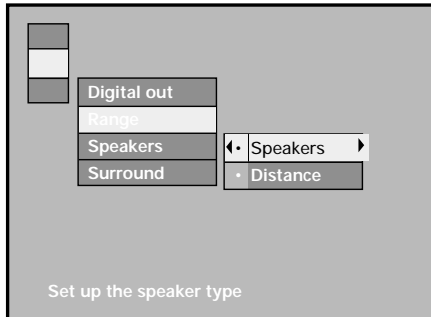
Zero (0) is the original movie sound; eight (8) is quiet. Use the up/down arrows to move the slider to the setting you want.

4. Press the left arrow button to return to the Sound menu or press MENU to exit the menu system.

Using the DVD's Menu System

Selecting the Speakers

Use the *Speakers* option in the Sound menu to select the speakers you have hooked up.

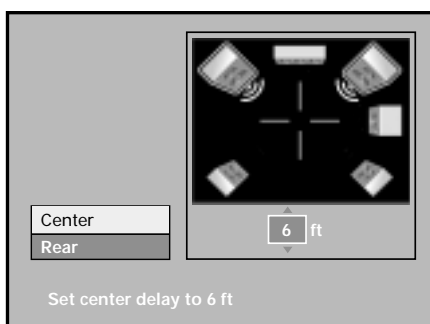
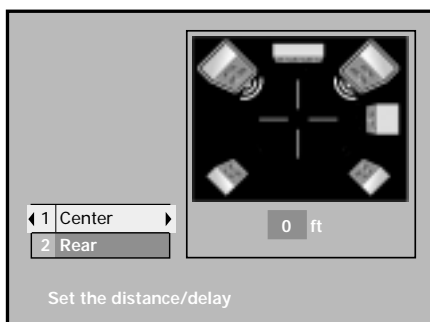


1. With the player on (no disc playing), press MENU (the main menu appears).
2. Use the up/down arrow buttons to highlight the *Sound* option. Press the right arrow button (the sound choices appear on the right).
3. Use the up/down arrows to highlight the *Speaker* option. Press the right arrow button (the Speaker options appear on the right).
4. Use the up/down arrows to highlight the *Speakers* option. Press the right arrow button (the Speaker setup menu appears).
5. Use the up/down arrow buttons to select a speaker type. Press the right arrow button to go to the speaker setup window.
6. Use the up/down arrow buttons to highlight your selection (*Yes* if you have that speaker connected, *No* if you don't). Press OK to select.
7. Press the left arrow button to return to the speaker setup menu.

When you've selected all the speakers you've setup, press the left arrow button to return to the Speaker menu to set the distance of the speakers.

Set the Distance of the Attached Speakers

Use the *Distance* option to set the distance of the attached speakers. By setting the distance, you are letting the speakers know how far the sound has to travel to reach your set listening point. This allows the sound from each speaker to reach the listener at the same time.



1. With the player on (no disc playing), press MENU (the main menu appears).
2. Use the up/down arrow buttons to highlight the *Sound* option. Press the right arrow button (the sound choices appear on the right).
3. Use the up/down arrows to highlight the *Surround* option. Press the right arrow button (the Surround options appear on the right).
4. Use the up/down arrows to highlight the *Distance* option. Press the right arrow button (the distance setup menu appears).
5. Use the up/down arrow buttons to select *Center*. Press the right arrow button to go to the distance setup window.
6. Use the up/down arrow buttons to select a distance (in feet). Press the left arrow to return to the distance setup menu.
7. Use the up/down arrow buttons to select *Rear*. Press the right arrow button to go to the distance setup window.
8. Use the up/down arrow buttons to select a distance (in feet). Press the left arrow to return to the distance setup menu.
9. Press the left arrow button to return to the Sound menu or press MENU to exit the menu system.

Surround

The Surround option can be used to simulate a six-speaker listening experience through two speakers. The Surround feature has two options:

- **STEREO+** If you have a Dolby Pro Logic receiver hooked up, select this option so the receiver can decode the signals and reproduce a surround sound effect.
- **STEREO** Select this option if you have a stereo receiver hooked up.

1. With the player on (no disc playing), press MENU (the main menu appears).
2. Use the up/down arrow buttons to highlight the *Sound* option. Press the right arrow button (the sound choices appear on the right).
3. Use the up/down arrows to highlight the *Speakers* option. Press the right arrow button (the Speaker options appear on the right).
4. Use the up/down arrow buttons to highlight your choice. Press OK.
5. Press the left arrow button to return to the Sound menu or press MENU to exit the menu system.

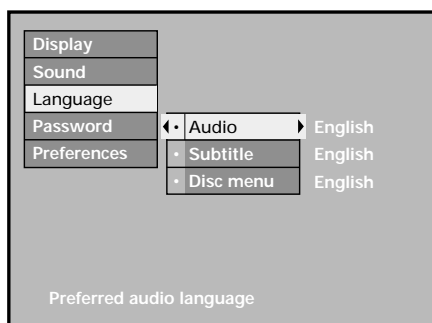
Notes:

The *Surround* option should not be turned on if you are using a Dolby Digital or DTS receiver. Your receiver provides optimum sound quality.

Language Options

Changing the Audio Language Preference

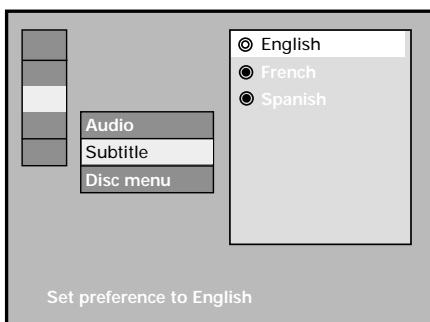
The Audio Language menu enables you to choose which language you want to listen to the movie in.



1. With the player on (no disc playing), press MENU (the main menu appears).
2. Use the up/down arrow buttons to highlight the *Language* option. Press the right arrow button (the language choices appear on the right).
3. Use the up/down arrows to highlight the *Audio* option. Press the right arrow button (the audio options appear on the right).
4. Use the up/down arrow buttons to select the language you want to hear movies played in. Press OK.
5. Press the left arrow button to return to the Language menu or press MENU to exit the menu system.

Changing the Subtitle Language Preference

The *Subtitles* menu lets you choose the language for the subtitles.



1. With the player on (no disc playing), press MENU (the main menu appears).
2. Use the up/down arrow buttons to highlight the *Language* option. Press the right arrow button (the language choices appear on the right).
3. Use the up/down arrows to highlight the *Subtitles* option. Press the right arrow button (the subtitle options appear on the right).
4. Use the up/down arrow buttons to select the language you want the subtitles to be played in. Press OK.
5. Press the left arrow button to return to the Language menu or press MENU to exit the menu system.

Note: Remember, your player can't display subtitles in the language you have chosen if the disc wasn't created with that language option.

Changing the Disc Menu Language

The *Subtitles* menu lets you choose the language for the subtitles.

1. With the player on (no disc playing), press MENU (the main menu appears).
2. Use the up/down arrow buttons to highlight the *Language* option. Press the right arrow button (the language choices appear on the right).
3. Use the up/down arrows to highlight the *Disc Menu* option. Press the right arrow button (the disc menu options appear on the right).
4. Use the up/down arrow buttons to select the language you want the disc menu to be displayed in. Press OK.
5. Press the left arrow button to return to the Language menu or press MENU to exit the menu system.

Note: Remember, your player can't display the disc menu in the language you have chosen if the disc wasn't created with that language option.

Creating a Password and Setting Ratings

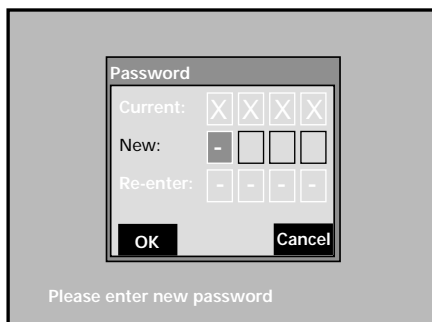
The Rating feature is a system sort of like movie ratings. It works with DVD discs that have been assigned a rating. This helps you control the types of DVDs that your family watches. Once you have set the ratings limit, you can lock the player so that a password is required to play discs with a rating over the limit you've set.

Note: The player alerts you when you try to play a movie with a rating that exceeds the limit you've set. Some discs include a rating override feature. When you play a disc with this feature, the message **Override Limit or Cancel Selection** appears on the screen. If you choose to override the rating limit, you will need to enter your password to begin playback.

Changing the Default Password

The player already has a default password; 9999. You can change the password to any 4-digit number.

1. If a disc is playing, press STOP and MENU (the menu appears).
2. Use the arrow buttons to highlight the *Password* option. Press OK. The password screen appears.
3. Enter the default password (9999). The highlight will move to the first digit of the *New* option.
4. Enter a four-digit number that you want to use as your new password. Press OK.
5. You will be prompted to enter your new password again to confirm. Enter your password again. Your new password is now set.



Changing Your Password

You can change your password at any time. To change your current password:

1. If a disc is playing, press STOP and MENU (the menu appears).
2. Use the arrow buttons to highlight the *Password* option. Press OK. The password screen appears.
3. Enter your current password. The highlight will move to the first digit of the *New* option.
4. Enter a four-digit number that you want to use as your new password.
5. You will be prompted to enter your new password again to confirm. Enter your password. Your new password is now set.

The Preferences Menu

The Preferences menu is only available when there is no disc in the player. If the Preferences menu is grayed out, remove the disc from the tray.

Setting the Rating

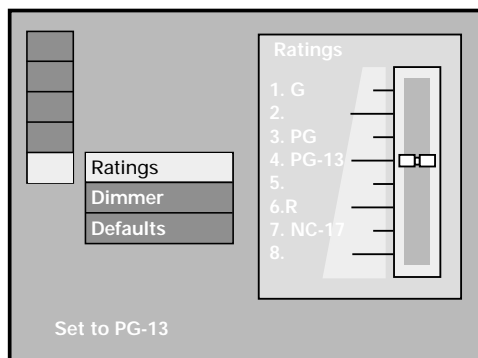
Rated Titles

The Ratings option lets you determine how your player will react to discs that contain movies that are rated (in the U.S.A., the Motion Pictures Association of America (MPAA) rates movies as G, PG, PG-13, etc.).

You decide which ratings require a password and which ones don't. This system ranks the ratings 1 through 8 in order to accommodate different countries' ratings systems (1 is considered a movie title with the least offensive material).

In order for the Ratings feature to work, the disc must be encoded with rating information. If the author of the disc did not encode rating information, then this feature will not work for that disc.

The DVD Player must be locked (password protected) in order for it to enforce the settings in the Ratings menu.



1. With the player on (no disc in the tray), press MENU (the main menu appears).
2. Use the up/down arrow buttons to highlight the *Preferences* option. Press the right arrow button (the preferences appear on the right).
3. Use the up/down arrows to highlight the *Ratings* option. Press the right arrow button (the ratings list appears on the right).
4. You will be prompted for a password. Enter your password and press OK. If you haven't set a password, you can use the default; 9999.

Use the up/down arrow buttons to select the rating you *do not* want to allow. Press OK. If you select PG-13, all movies rated PG-13, R and NC-17 will require a password. To allow all movies to play, select the G rating.
5. Press the left arrow button to return to the Preferences menu or press MENU to exit the menu system.

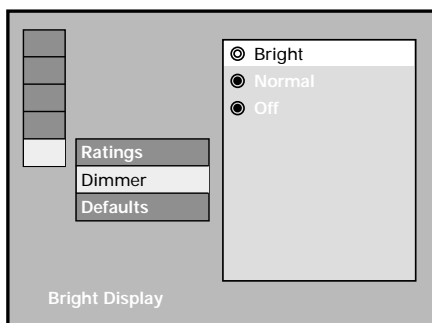
Note: Some titles (movies) aren't rated, but may contain material that is unsuitable for children.

Dimming the Front Display

This feature lets you to choose how the front panel display on your DVD Player appears. There are three options:

- Bright
- Normal
- Off

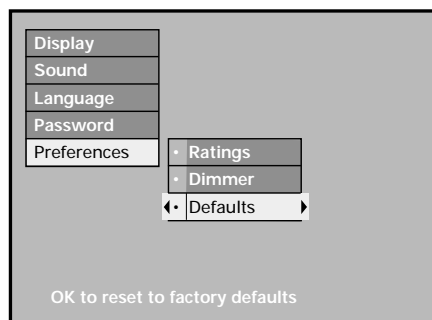
The default is Bright.



1. With the player on (no disc playing), press MENU (the main menu appears).
2. Use the up/down arrow buttons to highlight the *Preferences* option. Press the right arrow button (the preferences appear on the right).
3. Use the up/down arrows to highlight the *Dimmer* option. Press the right arrow button (the dimmer choices appear on the right).
4. Use the up/down arrow buttons to highlight the option you want. Press OK.
5. Press the left arrow button to return to the Preferences menu or press MENU to exit the menu system.

Defaults

Use the Default feature to reset ALL options to the factory defaults.



1. With the player on (no disc in the tray), press MENU (the main menu appears).
2. Use the up/down arrow buttons to highlight the *Preferences* option. Press the right arrow button (the preferences appear on the right).
3. Use the up/down arrows to highlight the *Defaults* option. Press the right arrow button.
4. Highlight the Reset option and press OK to reset default settings.
5. Press the left arrow button to return to the Preferences menu or press MENU to exit the menu system.

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Other Information

Chapter Overview:

- Troubleshooting
- Care and Maintenance
- Limited Warranty

Changing Entertainment. Again.



How to Resolve Product Performance Problems

If you are experiencing product operation problems, please review the troubleshooting section before you call for service. Refer to the Limited Warranty for information on how to obtain repair service.

Troubleshooting

Player won't work

- Reset the DVD Player by unplugging the AC power cord and plugging it back in.

No Power

- Plug in the DVD Player. Make sure both ends of the AC power cord are securely plugged into the player and into an AC outlet.

Disc won't play

- Insert a disc with the label side facing up.
- Check the type of disc you put into the player. This player only plays DVD video discs, Video CDs and audio CDs.
- Both the player and the disc are coded by region. If the regional codes don't match, the disc cannot be played. This player is Region No. 1.

Play starts, but then stops immediately

- The disc is dirty. Clean it.
- Condensation has formed. Allow player to dry out.

No picture

- Turn your TV to its Video Input Channel (see chapter 1).
- Turn on the TV.
- Make sure your player is connected properly.

No sound or distorted sound

- Make sure your player is connected properly. Make sure all cables are securely inserted into the appropriate jacks.
- You may need to readjust the *Digital Output* setting (from the *Sound* menu). See chapter 4.
- Turn your TV to its Video Input Channel (see chapter 1).
- Sound is muted during still, frame advance, or slow-motion play.
- If you connected an audio receiver to your DVD Player, make sure you chose the correct input setting on the receiver.
- If you are NOT using a stereo TV for your sound source, turn off the *TruSurround*® option.

Remote control won't work

- If you are using a universal remote, you might be in the wrong mode. To operate your DVD Player, press DVD on the remote before you press any other buttons. If you're operating the TV, press the TV button first, etc.

Troubleshooting

- Insert new batteries in the remote.
- Operate the remote control at a distance of no more than 20 feet.
- Remove any obstacles between the remote and the DVD Player or other component. If your DVD Player is in an entertainment cabinet, the glass doors may be obstructing the remote control from operating the unit. Open the doors.
- Reset the remote. Remove batteries and hold down one or more buttons for about one minute to drain the microprocessor inside the remote to reset it. Reinstall batteries and try the remote again.

Can't advance through a movie

- You can't advance through the opening credits and warning information that appear at the beginning of movies because the disc is programmed to prohibit that action.

The icon appears on screen

- The feature or action cannot be completed at this time because:
 1. The disc's software restricts it.
 2. The disc's software doesn't support that feature (e.g., angles).
 3. The feature is not available at the moment.
 4. You've requested a title or chapter number that is out of range.

The picture is distorted

- Did you connect your VCR to the DVD Player? Disconnect it. See chapter 1 for the correct setup and connection.
- The disc might be damaged. Try another disc.

Picture is distorted during forward and reverse scan

- It is normal for some distortion to appear while scanning.

A screen saver appears on the TV

- Your player is equipped with a screen saver that appears on the TV after your player has been idle for several minutes. There are a few ways to make the screen saver disappear from the screen and return to the player's main menu: press STOP or GO BACK on the remote.

Subtitle and/or audio language is not the one selected from the initial setting

- If the subtitle and/or audio language does not exist on the disc, the initial settings will not be seen/heard. The disc's priority language is selected instead. Set the subtitle and/or audio language manually through the Info Display or the player menu.

The menu is displayed in a foreign language

- The Menu Language preference is set to that language. Go to *Languages* (In Spanish, shown as *Idomas*; in French, as *Langues*) in the main DVD player menu and select the Player Menus option (In Spanish, shown as *Menús del Lector*; in French, as *Menus Lecteur*) Highlight the language you prefer and press OK.

Play doesn't begin

- The rating of the title on the disc exceeds the rating limit set in the *Ratings Limits* when you press PLAY. Unlock the player or change the rating limit in those menus.

(continues on following page)

Troubleshooting

(continued from previous page)

No forward or reverse scan

- Some discs have sections that prohibit rapid scanning, or title and chapter skip.
- If you're trying to skip through the warning information and credits at the beginning of a movie, you won't be able to. This part of the movie is often programmed to prohibit skipping through it.

Desired angle cannot be changed

- Some discs don't have the multi-camera angle system, and some discs only have it in certain parts of the movie.

Picture is too tall and thin

- Change the aspect ratio using the *TV Image* setting in the Display menu. See chapter 5.

Picture is too short and wide

- Change the aspect ratio using the *TV Image* setting in the Display menu. See chapter 5.

Cannot copy discs to video tape

- You can't record DVD discs onto videocassettes because the discs are encoded with anti-copy protection.

Disc won't eject

- When you put a disc into the player, the player may take up to 15 seconds to read the disc. You won't be able to eject the disc during this time. Wait 15 seconds and try again.

Handling Cautions

- Before connecting other components to this player, be sure to turn all components off.
- Don't move the player while a disc is being played. The disc may get scratched or broken, and the player's internal parts may be damaged.
- Don't put any container filled with liquid or any small metal objects on the player.
- Be careful not to put your hand into the disc tray.
- Don't place anything other than the disc in the disc tray.
- Exterior influences such as lightning and static electricity can affect normal operation of this player. If this occurs, turn the player off and on again with the ON•OFF button, or disconnect and then reconnect the AC power cord to the AC power outlet. The player will operate normally.
- Be sure to remove the disc and turn off the player after use.

Maintenance of Cabinet

For safety reasons, when cleaning the cabinet be sure to disconnect the AC power cord from the AC outlet.

- Do not use benzene, thinner, or other solvents for cleaning.
- Wipe the cabinet with a soft cloth.

Formation of Condensation

- Due to sharp changes in temperature and humidity, condensation may form if warm air comes in contact with any cold parts inside the player.
- When condensation forms inside the player, the player may not operate correctly. If this occurs, leave the player at room temperature until the inside of the player becomes dry and operational.
- If condensation forms on a disc, wipe the disc with a soft, dry cloth by moving the cloth from the center hole toward the outer edge.

Handling Discs

- Don't touch the disc's signal surfaces. Hold by the edges or by one edge and the hole in the center.
- Don't affix labels or adhesive tape to label surfaces. Don't scratch or damage the label.
- Do not use damaged (cracked or warped) discs.

Cleaning Discs

- Dirty discs can cause reduced video and audio performance. Always keep discs clean by wiping them gently with a soft cloth from the inner edge toward the outer perimeter.
- If a disc becomes very dirty, wet a soft cloth in water, wring it out well. Wipe the dirt away gently, and remove any water drops with a dry cloth.
- Do not use record-cleaning sprays or anti-static agents on discs. Also, never clean the discs with benzene, thinner, or other volatile solvents which may cause damage to the disc surface.

Limited Warranty

What your warranty covers:

- Defect in materials or workmanship.

For how long after your purchase:

- 90 days from date of purchase - Unit exchange, which includes parts and labor.
- 91 days to 1 year from date of purchase - Unit exchange, which includes parts only; you pay the labor.
- The warranty for rental units begins with the first rental or 45 days from date of shipment to the rental firm, whichever comes first.

What we will do:

During the initial 90 days:

Exchange the DVD unit with a new or, at our option, refurbished unit.

After the 90 days and within one year:

Exchange the DVD unit with a new or, at our option, refurbished unit. We will bill you a flat exchange charge to replace a defective unit. This charge covers the labor cost for its repair.

How you get service:

- Call 1-800-311-9263 and have your unit's date of purchase and model/serial number ready. The model/serial number information is on the back of your unit.
- A representative will troubleshoot your problem over the phone.
- If the representative determines that you should receive a replacement unit you will be provided with a Service Request (SR) number and the location of a nearby exchange point if one exists. No returns will be accepted without the SR number.
- Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the product is within the warranty period must be presented to obtain warranty service. For rental firms, proof of first rental is also required.

To receive a replacement unit before you return yours:

Option I:

1. Provide your Discover, MasterCard or Visa account number and expiration date to your phone representative. This is for security purposes only and your account will not be charged at this time.
2. We will send you a replacement unit.
3. If you return the unit to us within 14 days from the date you were provided a SR number, only items not covered by warranty will be charged to your account. If your unit is not received within 14 days, the suggested retail value of the unit will be charged to your credit card. This amount will be credited, less a \$10 handling fee, if the unit is subsequently received.
4. Ship your defective unit back to us using the replacement unit's carton. Shipping instructions will be included on the carton along with your SR number which will allow you to easily ship the unit back to us. Make sure you insure your shipment in case of damage or loss. Include with the shipment:
 - Evidence of purchase date such as a bill of sale.
 - A brief note describing your unit's problem.
 - Your name, address and phone number.

Option II:

1. For a fee of \$10.00, we will send a replacement unit to our exchange point.
2. The exchange location will notify you of its arrival.
3. Take your unit and evidence of purchase date, such as a bill of sale, to the exchange location and you will be provided the new or refurbished unit. Please retain all accessories such as the remote control hand unit.
4. If the repairs are covered by your warranty, you will not be billed.

Thomson assumes no responsibility for warranty shipments from the customer to the factory if not shipped in the manner prescribed by Thomson. Return transportation, storage, handling and insurance costs are your responsibility. We accept no responsibility in case of damage or loss. To receive a replacement unit after we have received your unit:

- Write the SR number on the outside of the carton used to return the unit. Make sure you insure your shipment in case of damage or loss.
- Carefully pack the unit using the original box and packing material if possible. Please retain all accessories that were included with your unit such as the remote control hand unit.
- Include with the shipment:
 1. Evidence of purchase date, such as a bill of sale, to verify your unit's warranty eligibility.
 2. A brief note describing your unit's problem.
 3. Your name, address and phone number.
- The representative will advise the address to mail a cashier's check or money order for payment if there are any out of warranty labor or parts charges, and you elect not to use your credit card.
- After we receive your product, a new or refurbished unit will be shipped to you.

What your warranty *does not* cover:

- Acts of nature, such as but not limited to lightning damage.
- Adjustment of customer controls.
- Damage from misuse or neglect.
- A unit that has been modified or incorporated into other products or is used for institutional or other commercial purposes.
- Batteries.
- Units purchased or serviced outside the U.S.A.
- Shipping damage if the unit was not packed and shipped in the manner prescribed by Thomson.
- Storage fees may be charged by the exchange point if you fail to pickup the replacement unit in a timely manner.

Product Registration:

- Please complete and mail the Product Registration Card packed with your DVD product. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

Limitation of Warranty:

- THE WARRANTY STATED ABOVE IS THE ONLY WARRANTY APPLICABLE TO THIS PRODUCT. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED (INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) ARE HEREBY DISCLAIMED. NO VERBAL OR WRITTEN INFORMATION GIVEN BY THOMSON MULTIMEDIA INC., ITS AGENTS OR EMPLOYEES SHALL CREATE A WARRANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY.
- REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. THOMSON MULTIMEDIA INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. THIS DISCLAIMER OF WARRANTIES AND LIMITED WARRANTY ARE GOVERNED BY THE LAWS OF THE STATE OF INDIANA. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.

How state law relates to warranty:

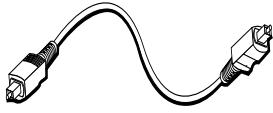
- Some states do not allow the exclusion nor limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you.
- This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

If you purchased your product outside the United States:

- This warranty does not apply. See your dealer for warranty information.

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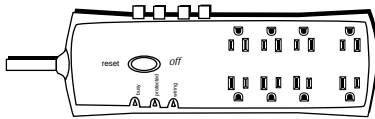
Accessories and Order Form



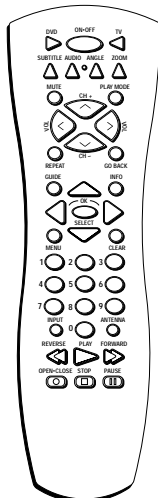
Optical Plug to Optical Plug DV3 (3 ft.) DV6 (6 ft.)



Optical Plug to Mini Plug DV3M (3 ft.) DV6M (6 ft.)



Surge Protector
(SCTV160)



Remote Control
(CRK16F1)

Accessory Order Form for Your DVD Player

Description	Part No.	Price	Qty
Optical Plug to Optical Plug (3 ft.)	DV3	\$15.95	
Optical Plug to Optical Plug (6 ft.)	DV6	\$19.95	
Optical Plug to Mini Plug (3 ft.)	DV3M	\$15.95	
Optical Plug to Mini Plug (6 ft.)	DV6M	\$19.95	
Remote Control (CRK16F1)	246772	\$19.95	
Surge Protector	SCTV160	\$49.95	

Total Merchandise	\$
Sales Tax	\$
We are required by law to collect the appropriate sales tax for each individual state, country, and locality to which the merchandise is being sent.	
Shipping and Handling	\$ 5.00
Total Amount Enclosed	\$
Use VISA or MasterCard preferably. Money order or check must be in U.S. currency only. No COD or CASH.	

Prices are subject to change without notice.

All accessories are subject to availability.

Please complete other side also



Detach Here

Other Information

Charge your order on your VISA,
MasterCard, or Discover Card by
filling in below

USE YOUR CREDIT CARD

IMPORTANT: Copy complete account number
from your VISA card



--	--	--	--

--	--	--

--	--	--

--	--	--

My card expires:

IMPORTANT: Copy complete account number from your MasterCard



Copy Number
above your
name on
MasterCard

IMPORTANT: Copy complete account number from your Discover Card



My card expires:

--	--

--	--

AUTHORIZED SIGNATURE
(Credit card order will not be processed without signature)

Print or type your name and address clearly.



A complete and correct order will save you days of waiting.

Name: _____

Street: _____

Apt. _____

City: _____

State: _____ Zip: _____

Daytime Telephone No.: _____

Please make sure that both sides of this form have been filled out completely.

- Allow 4-6 weeks for delivery.
- All accessories are subject to availability.
- Prices are subject to change.

To Place an Order

To place your order by phone, have your Visa, MasterCard or Discover Card ready and call the toll-free number listed below.

Use this number only to place on order for accessory items listed on this order form.

1-800-338-0376

To place your order by mail, detach and mail the completed order form with credit card information, money order or check in US currency (made payable to Thomson multimedia Inc.) to the following address:

Video Accessories
PO Box 8419
Ronks, PA 17573

Symbols

4 x 3 Pan & Scan 45
 4 x 3 Letterbox 45
 16 x 9 Wide 45

A

A•B Repeat 32, 39
 Accessories 63
 Angle, camera 33
 Aspect ratio 45
 ANGLE button 20
 Arrow buttons 21
 Audio
 Dolby Digital 10
 DTS 10
 AUDIO button 20
 Audio language 31

B

Batteries, remote 18
 Bitstream 47
 Bookmark feature 33
 Buttons
 component 20
 remote 20

C

Cables 8
 audio/video 8
 coaxial 8
 COMPONENT VIDEO 8
 for RF jacks 8
 for Y, Pb, Pr jacks 8
 optical 8
 S-Video 8
 Camera angle 33
 Cancelling repeat feature 32, 39
 CH + and CH - buttons 20
 Changing the Audio Language 50
 Chapter
 selecting 30
 Cleaning discs 59
 CLEAR button 21
 Codes 23
 Coding, regional 26
 Component Video 8
 Components, programming 22
 Connections 9, 11, 12, 13, 14
 Connections, types of 7
 Controls
 front panel 17

D

Defaults 53
 DIGITAL AUDIO OUT jack 8, 10
 Digital output 47
 Disc
 loading and playing 26
 menu 26
 Disc menu 27
 Disc tray 17
 Discs
 cleaning 59
 digital video discs 27
 handling 59
 types you can play 26
 types you can't play 26
 Display menu 44
 Dolby Digital 11
 Dolby Digital receiver 8
 Dolby Pro Logic 11
 DTS 10
 DVD Limits menu
 rated titles 52
 DVD remote button 20

F

Fast motion playback 35
 Frame advance 35
 Freeze frame (pause) 35
 FORWARD button 20
 Front Display menu 53
 Front panel controls 17

G

GUIDE button 21
 GO BACK button 21

H

Handling
 cautions 59
 discs 59
 DVD Player 59

I

Icons 29
 INFO button 21
 Info Display
 CD 38
 DVD 29
 Installing batteries 18
 Invalid icon 19, 29, 35

J

Jacks 8

L

Language
 changing the menu 46
 subtitles 50

M

Main Menu 44
 Maintenance 59
 Marker 33
 storing 33
 MENU button 21
 Menu language 46
 Motion Pictures Association of America 52
 MP3 41
 MUTE button 20

N

Navigation 19
 Number buttons 21

O

OK/SELECT button 21
 On-screen info display 29, 38
 OPEN/CLOSE button 17
 Optical cable 8
 Order form, accessories 63
 Output, digital 47

P

PAUSE button 20
 Password 51
 PCM 47
 Picture scan 35
 PLAY button 21
 PLAY MODE button 20
 Play Modes
 selecting 31
 Playback features
 audio language 31
 camera angle 33
 fast motion 35
 repeat 32, 39
 selecting a chapter 30
 selecting play modes 31
 slow motion 35
 Player menu language 46
 Power-on Bookmark Feature 33
 Program play mode 34

R

- Random play mode 33
- Rated Titles 52
- Rating Limits 52
- RCA-type cables 8
- Remote control 20
 - component buttons 20
 - installing batteries 18
 - pointing 18
 - programming 22
 - TV codes 23
- Repeat
 - A•B 32, 39
 - cancelling 32, 39
- REPEAT button 20
- REVERSE button 20

S

- SATELLITE IN jack 8
- Selecting a chapter 30
- Selecting play modes 31
- Slow motion playback 35
- Speaker distance 49
- Speaker setup 48
- Stereo 49
- STOP button 21
- SUBTITLE button 20
- Subtitle language 31
- Surround 49

T

- Time display 30
- Title 30
- Troubleshooting 56, 57, 58
- TV Aspect 45

- TV buttons 20
- TV codes 23
- TV's Video Input Channel 19
- Types of Discs the Player Can Play 18

V

- Video output 46
- VOLUME buttons 20

W

- Warranty 60

Y

- Y Pb Pr jacks 8

Z

- ZOOM button 20

visit us at www.rca.com

Please do not send any products to the Indianapolis address listed in this manual or on the carton. This will only add delays in service for your product.

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Indianapolis, IN 46290

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